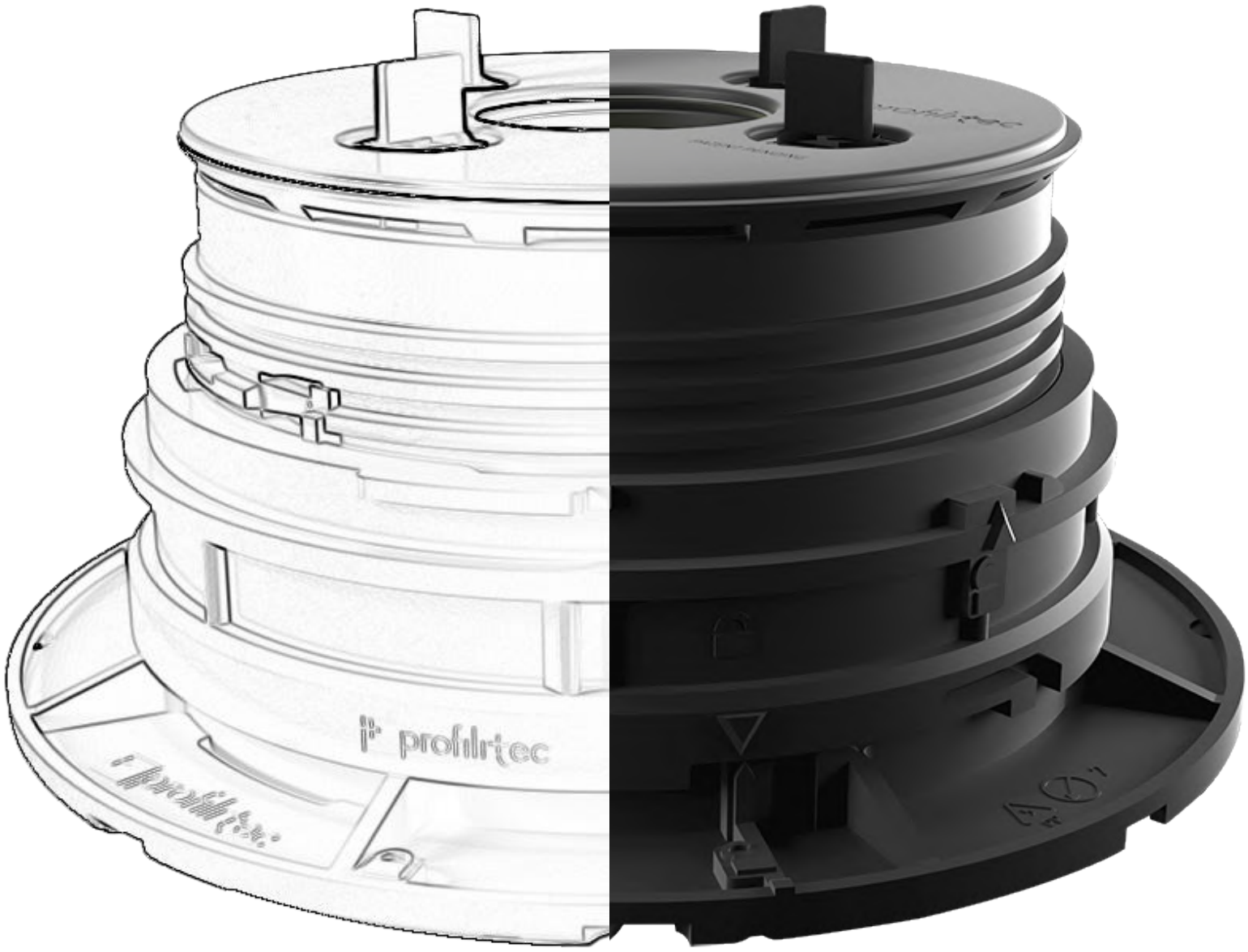
uptec® Manual

IT - EN - FR - DE - ES



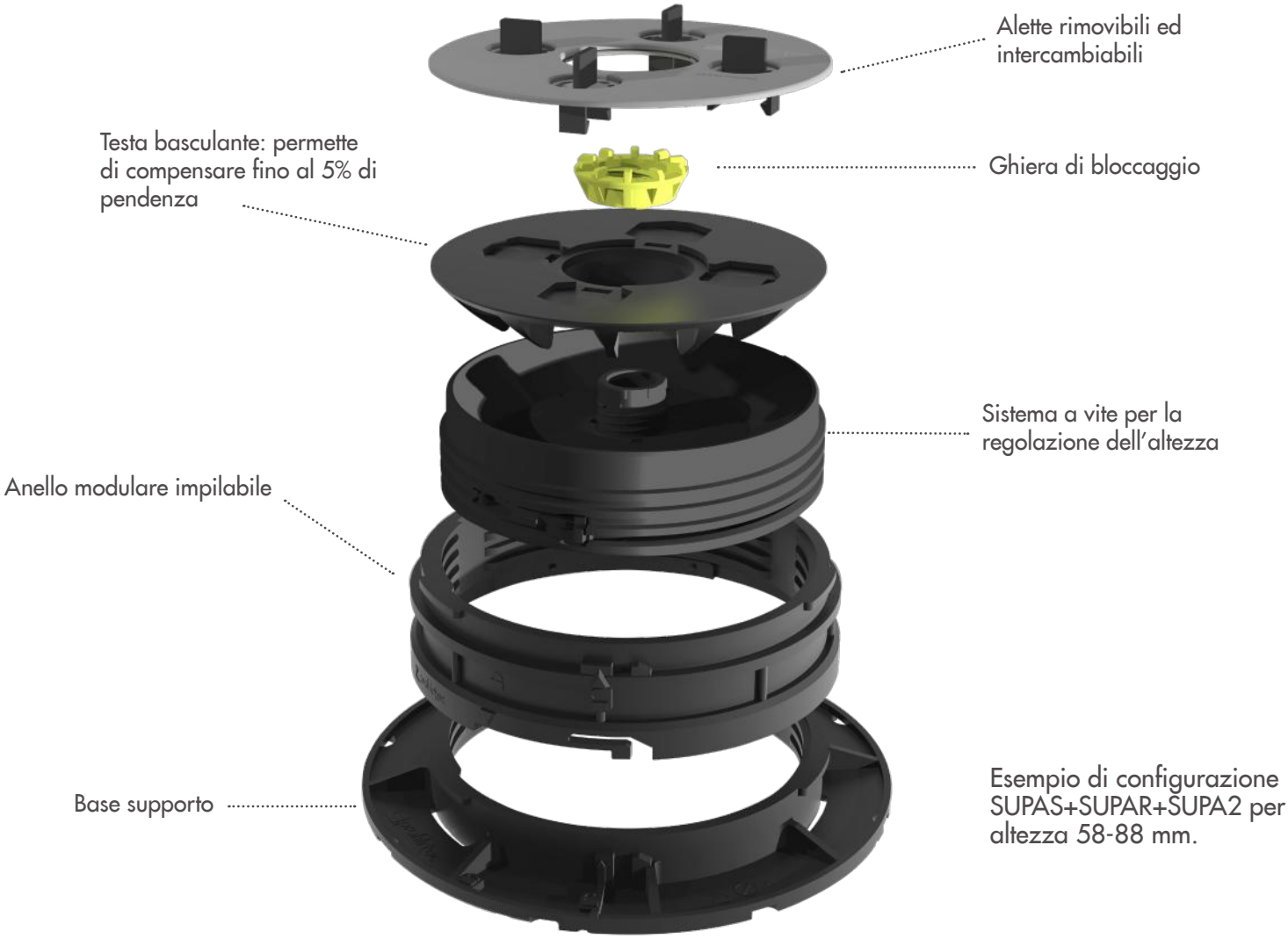
profilitec

positive profile

uptec® Manual

IT

Uptec è un supporto universale regolabile per la realizzazione di pavimenti sopraelevati per esterni, indicato specialmente nella posa di ceramiche da 2 cm. Uptec lancia la rivoluzione **3 in 1**, 3 articoli (3 codici base: **SUPAL**, **SUPAS** e **SUPAR**) in un unico sistema. Ai 3 prodotti si aggiungono 3 accessori (3 codici: **SUPA2**, **SUPA4** e **SUPAW**) per installazioni standard (per fughe da 2 e 4 mm) o per travetti in legno e magatelli in alluminio. Gli accessori sono intercambiabili e in gomma per garantire un sistema antirumore e antiscivolo. Uptec permette di raggiungere l'altezza desiderata con la semplice aggiunta degli anelli **SUPAR** e di passare dalla modalità a testa autolivellante a quella fissa grazie all'innovativa ghiera di bloccaggio.



Esempio di configurazione SUPAS+SUPAR+SUPA2 per altezza 58-88 mm.

3 in 1 — Innovativo sistema 3 in 1 per la realizzazione di diverse altezze con un unico prodotto.

SUPAR — Aggiungere o rimuovere l'anello SUPAR per modificare l'altezza del supporto.

Auto livellante

Fissa — Semplice meccanismo per il passaggio dalla testa autolivellante a quella fissa.

INDEX

IT

3 PRODOTTI

SUPAL
Supporto basso

28÷43 mm

SUPAS
Supporto standard

43÷58 mm

SUPAR
Anello modulare

+ 30 mm

3 OPZIONI + CHIAVE DI REGOLAZIONE

SUPA2
Per posa ceramica

per fughe da 2 mm

SUPA4
Per posa ceramica e con travetto in alluminio

per fughe da 4 mm

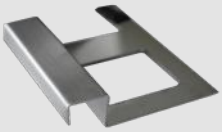
SUPAW
Per posa con travetto in legno

SUPAK
Chiave di regolazione 3in1

Per fuga minima di 4 mm

ALTRI ACCESSORI E PROFILI

BSJ
Profilo perimetrale



L = 2,70 m

BSR
Profilo perimetrale

L = 2,70 m

BST20
Profilo perimetrale

L = 2,70 m

SUPL2 - SUPL3
Disco livellante

2 o 3 mm

SUPCLPP
Distanziatore perimetrale

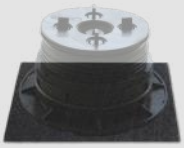
SUPACLPB
Clip bordo verticale - base

SUPACLPT
Clip bordo verticale - testa

SUPAR120
Anello modulare

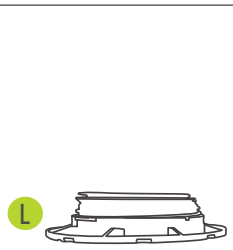
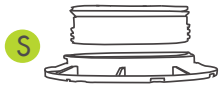
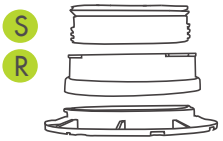
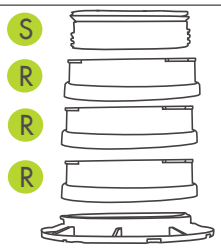
120 mm

SUPATG
Tappetino antirumore



198 x 198 mm

UPTEC - supporto regolabile universale per pavimenti sopraelevati - componenti base	
ART.	DESCRIZIONE
SUPAL	Supporto basso 28÷43 mm
SUPAS	Supporto standard 43÷58 mm
SUPAR	Anello modulare +30 mm
UPTEC - opzioni base	
ART.	DESCRIZIONE
SUPA2	Aletta per fuga 2 mm per posa ceramica
SUPA4	Aletta per fuga 4 mm per posa ceramica e con mgatello in alluminio
SUPAW	Aletta per travetto in legno
UPTEC - opzioni agguntive	
ART.	DESCRIZIONE
SUPAR120	Anello modulare 120 mm
SUPAK	Chiave di regolazione a 3 funzioni
SUPL2	Disco livellante 2 mm
SUPL3	Disco livellante 3 mm
SUPACLPP	Clip distanziatrice perimetrale a muro
SUPACLPT	Clip per incastro piastrella ceramica verticale - Testa
SUPACLPB	Clip per incastro piastrella ceramica verticale - Base
BSJ + BSJE	Profilo perimetrale + Angolare
BSR + BSRE + BSRG	Profilo perimetrale + Angolo esterno + Giunzione
BST + BSTE	Profilo perimetrale + Angolare
SUPATG	Tappetino antirumore 198x198x3 mm

28-43 mm	43-58 mm	58-88 mm	88-118 mm	118-148 mm
 SUPAL	 SUPAS	 SUPAS + 1 SUPAR	 SUPAS + 2 SUPAR	 SUPAS + 3 SUPAR
2 4 W	2 4 W	2 4 W	2 4 W	2 4 W

UPTEC - KIT supporti con aletta 2 mm - assemblato	
ART.	DESCRIZIONE
SUPAL2-28/43	Kit supporto + aletta per fuga 2 mm
SUPAS2-43/58	Kit supporto + aletta per fuga 2 mm
SUPAS2-58/88	Kit supporto + aletta per fuga 2 mm
SUPAS2-88/118	Kit supporto + aletta per fuga 2 mm
SUPAS2-118/148	Kit supporto + aletta per fuga 2 mm

UPTEC - KIT supporti con aletta 4 mm - assemblato	
ART.	DESCRIZIONE
SUPAL4-28/43	Kit supporto + aletta per fuga 4 mm
SUPAS4-43/58	Kit supporto + aletta per fuga 4 mm
SUPAS4-58/88	Kit supporto + aletta per fuga 4 mm
SUPAS4-88/118	Kit supporto + aletta per fuga 4 mm
SUPAS4-118/148	Kit supporto + aletta per fuga 4 mm

SUPAANG
Travetto in alluminio

Lunghezza = 2,40 m

ACCESSORI

SUPAJG
Giunzione per travetto

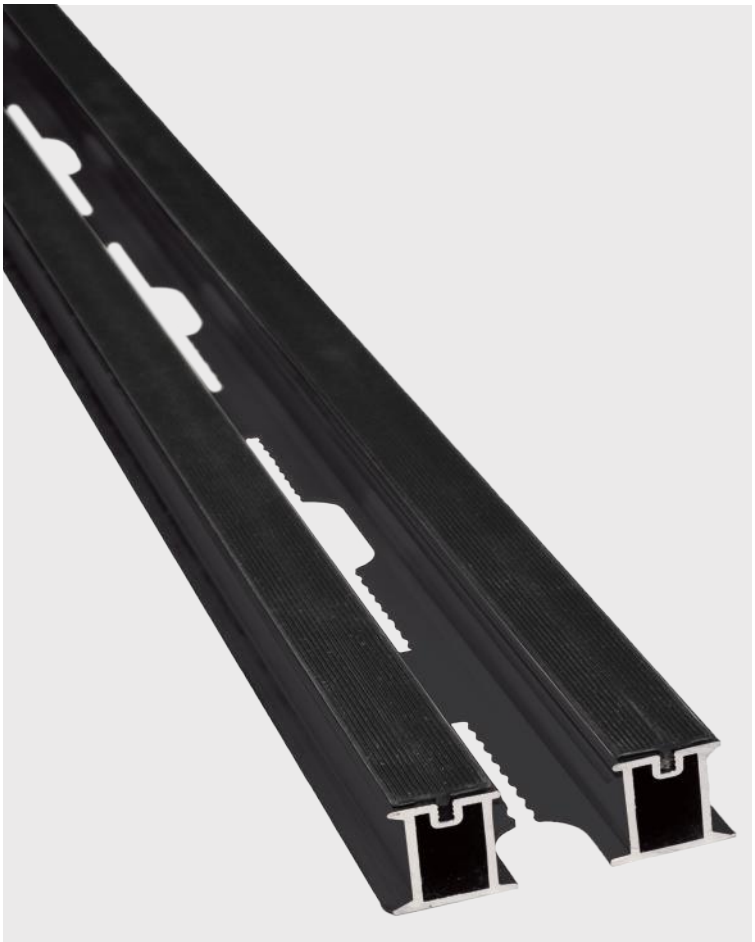
SUPDG
Distanziatore tra piastrelle

per fughe da 4 mm

SUPACLPPT
Clip perimetrale - travetto

SUPCLIPG
Clip laterali e centrali

UPTEC - supporto regolabile universale per pavimenti sopraelevati - componenti base	
ART.	DESCRIZIONE
SUPAANG240	Travetto in alluminio (lunghezza 2,40 m)
SUPAANGB240	Travetto in alluminio nero (lunghezza 2,40 m)
UPTEC - opzioni agguntive	
ART.	DESCRIZIONE
SUPDG	Distanziatore tra piastrelle (4 mm)
SUPAJG	Giunzione per travetto
SUPCLIPG	Clip laterali e centrali
SUPACLPPT	Clip perimetrale - Travetto



SUPAS

43÷58 mm

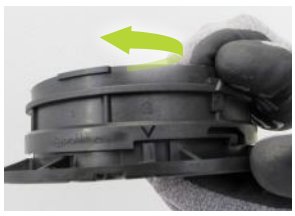
SUPAS + 1 SUPAR

58÷88 mm

N.B. fare attenzione ai segni posti sulla parte inferiore di SUPAR e a quelli posti sulla base.

APERTO

CHIUSO



SUPAR

+30 mm

N.B. fare attenzione ai segni posti sulla parte inferiore del SUPAR aggiunto e a quelli posti sulla parte superiore del SUPAR sottostante.

APERTO

CHIUSO

SUPA 2/4/W

SUPAS

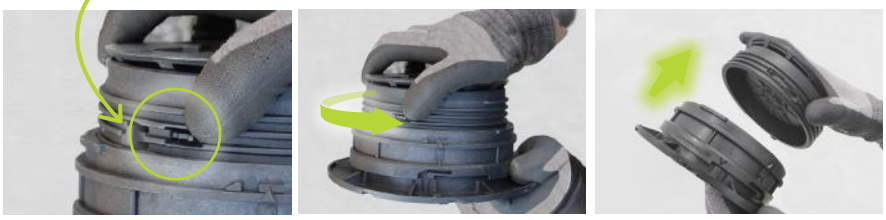
43÷58 mm

PREMERE

SUPAS
1SUPAR

58÷88 mm

PREMERE



SOLLEVARE

SUPAR

- 30 mm

SOLLEVARE

SUPA 2/4/W

SGANCIARE

SUPAK

UTILIZZO DELLA CHIAVE DI REGOLAZIONE : 3 FUNZIONI

Autolivellante
Fissa

Regolazione altezza

Rimozione alette

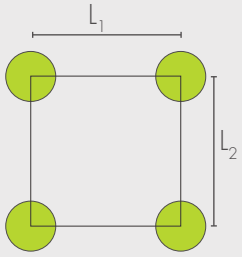
STIMA DI CALCOLO QUANTITA' - pz/m²

Il numero di supporti da impiegare in un'installazione varia a seconda della tipologia qualitativa e dimensionale delle piastrelle utilizzate, dai carichi statici (es. carico puntuale come un vaso di fiori) e dinamici (es. passaggio di persone) che i supporti dovranno sostenere.

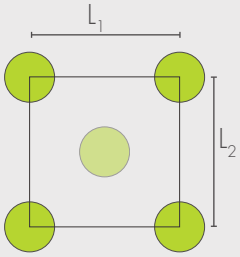
Profilitec raccomanda di contattare il produttore del pavimento per conoscere la portata della singola piastrella.

Formule per il calcolo del numero di supporti al metro quadro, prendendo in considerazione piastrelle di spessore pari a 2 cm (in caso di spessori maggiori, contattare la sede per il calcolo di portata corretto)

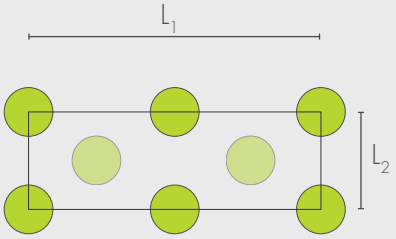
$(1 : L_1 : L_2) = pz/m2$



$(1 : L_1 : L_2) \times 2 = pz/m2$
con supporto centrale



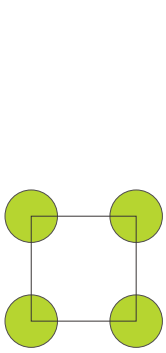
$(1 : L_1/2 : L_2) = pz/m2$

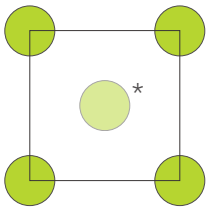


N.B. La formula non tiene in considerazione i pezzi perimetrali. Per ottenere un calcolo più preciso, sommare al calcolo dei pz/m² la metà dei numeri di pezzi risultanti dal calcolo del perimetro.
Suggeriamo di contattare la sede in caso di applicazioni particolari. Interasse massimo di 60 cm.

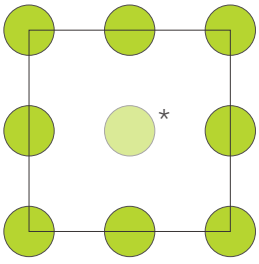
ESEMPI DI SCHEMI DI POSA CON PIASTRELLA

* aggiungere il supporto centrale per uso in luoghi pubblici / in presenza di carichi o altezze elevati

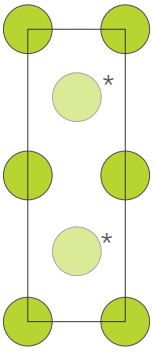

40x40 cm



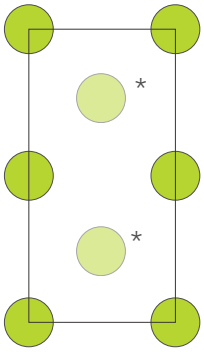
60x60 cm



80x80 cm



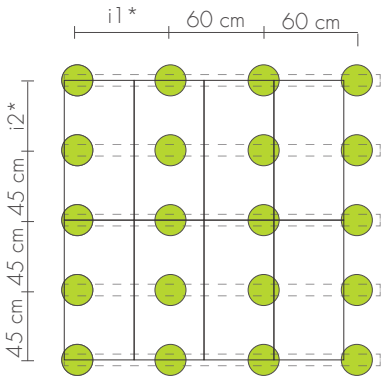
40x120 cm



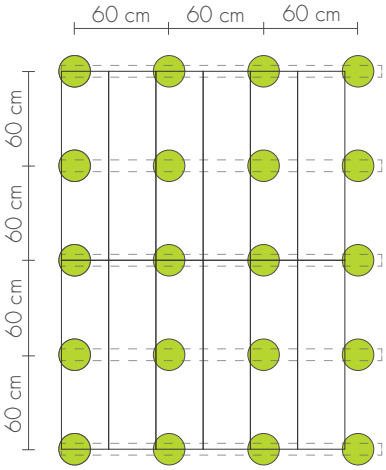
60x120 cm

ESEMPI DI SCHEMI DI POSA CON TRAVETTI

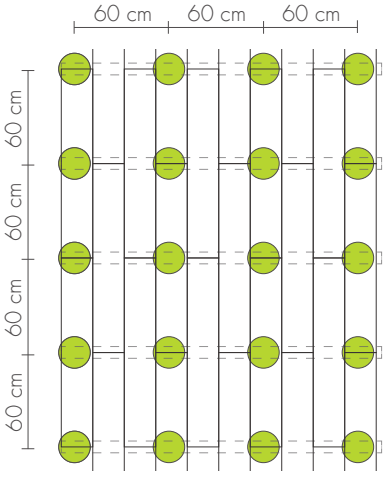
* Sostituire nella formula L1 ed L2 con l'interasse i1 ed i2 e quindi: $(1 : i1 : i2) = pz/m^2$



45x90 cm



30x120 cm



PROCEDURE PRELIMINARI

1. Controllare che il materiale sia in **condizioni ottimali** prima di procedere con l'installazione.

2. L'altezza minima raggiungibile è pari a **48 mm** (minima altezza SUPAL = 28 mm + spessore piastrella = 20 mm)

CARATTERISTICHE SUBSTRATO

3. La **superficie** su cui si andrà a posare il prodotto deve essere perfettamente **pulita**, senza tracce di liquidi, sporco o materiali estranei.

4. Posare i supporti su calcestruzzo, cemento, EPDM, gomma, monostrato altri sistemi di copertura, o direttamente su materiali isolanti, verificando la resistenza alla compressione del materiale di appoggio.

5. Verificare che la superificie di posa sia conforme alle specifiche di disegno e vi sia un adeguato sistema di drenaggio.

RACCOMANDAZIONI

6. Uptec deve essere utilizzato in ambienti con traffico esclusivamente **pedonale**.

7. **Non** tagliare **più di due lati** consecutivi del supporto. In caso contrario contattare la sede.

8. **I movimenti laterali** dell'installazione non devono superare i 3 mm.

9. Per **altezze superiori a 40 cm** contattare un tecnico abilitato e verificarne la portata.

10. Verificare che a fine posa **non** siano presenti **elementi di pericolo**.

DIRETTIVE INSTALLAZIONE PRODOTTO

11. L'**interasse massimo** tra un supporto e l'altro non deve superare i **60 cm**.

12. L'installazione deve essere **chiusa** su tutti i lati da pareti o con appositi sistemi di chiusura perimetrali (clip o profili).

13. Determinare l'altezza del supporto sottraendo all'altezza finale del pavimento lo spessore della piastrella.

14. Prima di posare il pavimento, **posizionare i supporti** assemblati e alla corretta altezza.

15. Verificare dopo ogni posa di piastrella l'**allineamento del pavimento**, regolando l'altezza dei supporti (consigliato l'utilizzo della chiave SUPAK).

16. Utilizzo **Autolivellante:** pavimenti con carico bilanciato sul supporto. Utilizzo **Fisso:** in caso di carico non bilanciato sul supporto (es. perimetro dell'applicazione in cui sono presenti piastrelle tagliate). Il supporto si fissa avvitando la ghiera verde sulla testa del supporto.

CONDIZIONI PRODOTTO

17. Conservare il materiale nel **packaging originale**.

18. Il materiale è fornito in scatole di cartone che devono essere conservate in **ambienti asciutti** senza entrare in contatto con pioggia o rifiuti.

19. Durante la posa proteggere i prodotti da possibili danni. **Sostituire** o riparare i **prodotti danneggiati** prima di procedere.

20. Consegnare, immagazzinare e gestire i prodotti in **conformità** con le istruzioni sopra indicate.

COMPONENTI PER L'INSTALLAZIONE

ELEMENTI BASE

Selezionare in base all'altezza desiderata tra:

- 1a SUPAL - 28÷43 mm
- 1b SUPAS - 43÷58 mm
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm
- 1d SUPAR120 - (opzionale)

Selezionare l'aletta in base alla necessità tra:

- 2a SUPA2 - aletta 2 mm
- 2b SUPA4 - aletta 4 mm

- 3 Chiave di regolazione 3 in 1


1a SUPAL


1d SUPAR120 (opzionale)


1b SUPAS


1c SUPAS + SUPAR ...


2a SUPA2


3 SUPAK


2b SUPA4

ACCESSORI PERIMETRALI

- 4 Clip distanziatrice perimetrale a muro


4 SUPACLPP

- 5 * Profili perimetrali


5 BSJ


BSR


BST

- 6 *Clip per bordo verticale - Base e Testa


6 SUPACLPB


SUPACLPT

ULTERIORI STRUMENTI NECESSARI

- 7 Seghetto


7

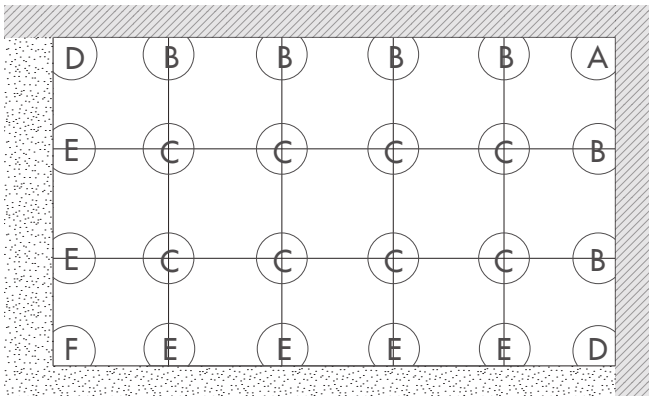
- 8 Metro a nastro


8

- 9 Strumento a bolla


9

SCHEMA POSIZIONAMENTO SUPPORTI



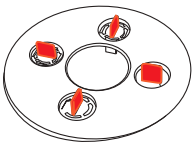
Esempio schema di posa per terrazza rettangolare per due lati aperta e per due chiusa da pareti. La lettera specificata indica la tipologia di supporto la cui posa sarà spiegata di seguito nel dettaglio.
L'installazione deve essere **chiusa** su tutti i lati da pareti o con appositi sistemi di chiusura perimetrali (clip o profili).

Esempio con piatrelle di misura 50x50 cm. Con piastrelle di misura superiore si consiglia l'aggiunta di un supporto centrale.

POSIZIONAMENTO SUPPORTI **ANGOLARI** A

1. Capovolgere la base e rimuovere due lati consecutivi lungo la linea pre-incisa.

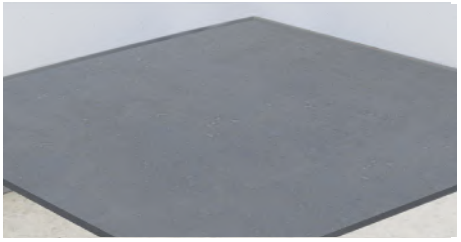
2. Assemblare il supporto all'altezza desiderata e posizionarlo in corrispondenza dell'angolo.



3. Rimuovere le quattro alette con la chiave SUPAK.

4. Posizionare una clip distanziatrice SUPACLPP a contatto con la parete.

5. Posizionare una seconda clip distanziatrice SUPACLPP perpendicolarmente alla prima.

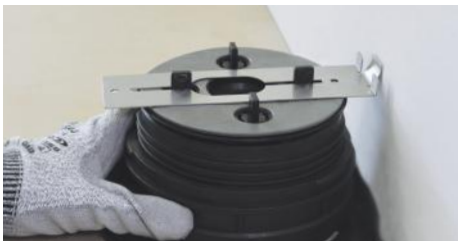


6. Posare la piastrella.

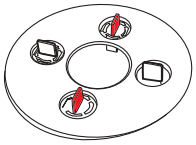
POSIZIONAMENTO SUPPORTI **PERIMETRALI** B

7. Capovolgere la base e rimuovere uno dei lati lungo la linea pre-incisa.

8. Assemblare i supporti e posizionarli con il lato tagliato poggiato verso la parete.



9. Incastrare la clip distanziatrice SUPACLPP tra le due alette perpendicolari al muro.



10. Rimuovere le altre due alette con la chiave SUPAK.

11. Posare la piastrella.

12. Distanziare i centri dei supporti pari alla dimensione della piastrella.
Interasse massimo: 60 cm

13. Posare la piastrella.

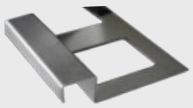
14. Poggiare gli angoli della piastrella tra le apposite alette.

15. Posizionare le altre piastrelle.

16. Verificare che il pavimento sia planare.

17. In caso di disallineamento, aggiustare l'altezza tramite la chiave SUPAK.

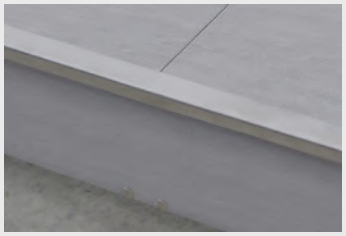
BSJ



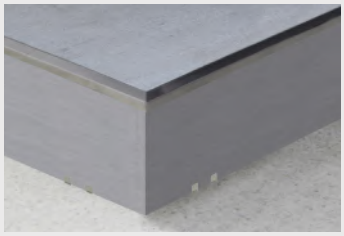
BSJ20IS

SUPACLPB + SUPACLPP

D



E



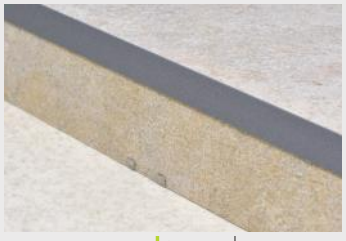
F

BST

BST20A50

SUPACLPB + SUPACLPP

D



E

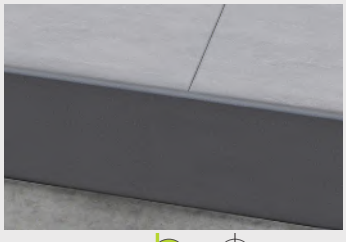
F

BSR

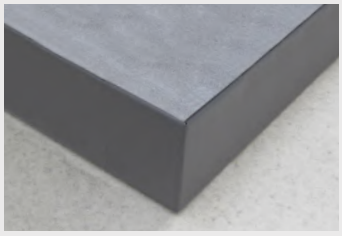
BSR20/100A50

SUPACLPP

D



E



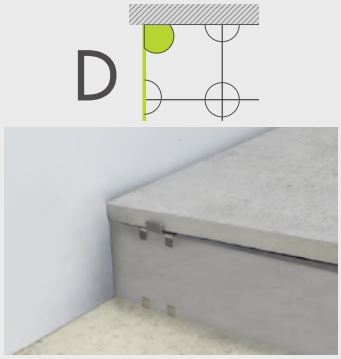
F

Clip

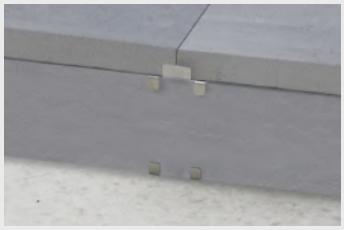
SUPACLPB

SUPACLPT

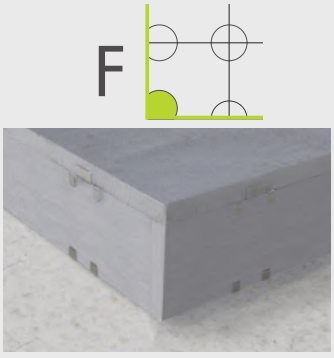
+ SUPACLPP



D



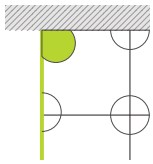
E



F

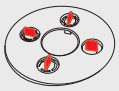
INSTALLAZIONE **PROFILO BSJ PER BORDO PERIMETRALE ANGOLARE A MURO**

BSJ D



N.B.

rimuovere due lati consecutivi della base

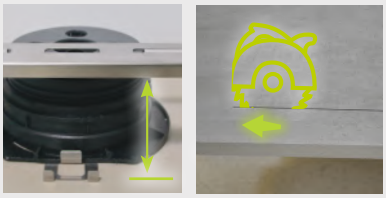


rimuovere le quattro alette

D-1. Posizionare sotto la base del supporto la clip SUPACLPB.

D-2. Posizionare il supporto con un lato tagliato a parete e l'altro verso l'esterno.

D-3. Posizionare la clip distanziatrice SUPACLPP e il profilo BSJ sulla testa del supporto.



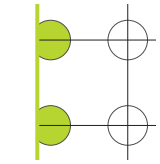
D-4. Tagliare la piastrella della misura equivalente la distanza tra il profilo BSJ e la clip base SUPACLPB.

D-5. Incastrare la piastrella tagliata tra il profilo BSJ e la clip SUPACLPB.

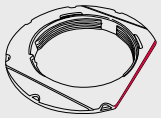
D-6. Posare la piastrella di copertura.

INSTALLAZIONE **PROFILO BSJ PER BORDO PERIMETRALE TERMINALE**

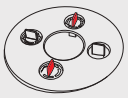
BSJ E



N.B.



rimuovere un lato della base

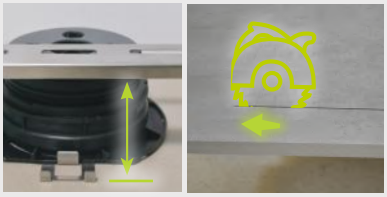


rimuovere due alette

E-1. Posizionare sotto la base del supporto la clip SUPACLPB.

E-2. Posizionare il supporto con il lato tagliato verso l'esterno.

E-3. Posizionare il profilo BSJ sulla testa del supporto.



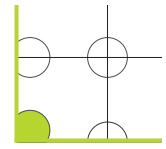
E-4. Tagliare la piastrella della misura equivalente la distanza tra il profilo BSJ e la clip SUPACLPB.

E-5. Incastrare la piastrella tagliata tra il profilo BSJ e la clip SUPACLPB.

E-6. Posare la piastrella di copertura.

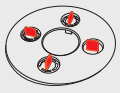
INSTALLAZIONE **PROFILO BSJ PER BORDO ANGOLARE PERIMETRALE**

BSJ F



N.B.

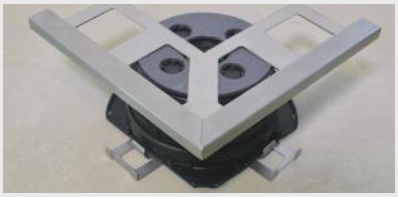
rimuovere due lati consecutivi della base



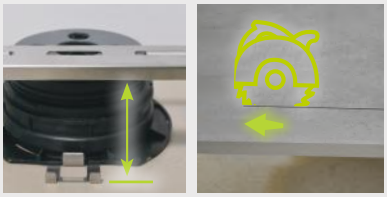
rimuovere le quattro alette

F-1. Posizionare sotto la base del supporto due clip SUPACLPB perpendicolari tra loro.

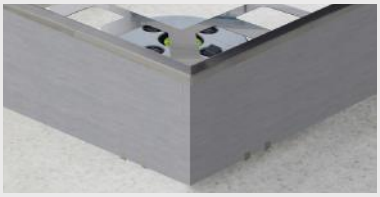
F-2. Posizionare il supporto con gli angoli tagliati verso l'esterno.



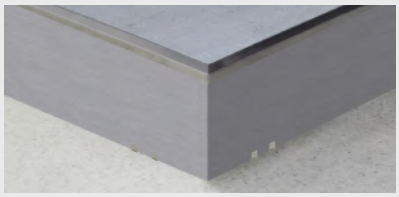
F-3. Posizionare l'angolo esterno del profilo, BSJE sulla testa. Accostare il profilo BSJ.



F-4. Tagliare la piastrella della misura equivalente la distanza tra il profilo BSJ e la clip SUPACLPB.



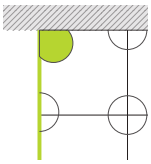
F-5. Incastrare la piastrella tagliata tra il profilo BSJ e la clip SUPACLPB.



F-6. Posare la piastrella di copertura.

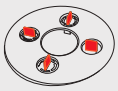
INSTALLAZIONE **PROFILO BST PER BORDO PERIMETRALE ANGOLARE A MURO**

BST D



N.B.

rimuovere due lati consecutivi della base

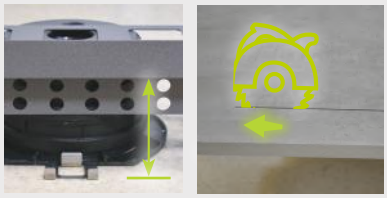


rimuovere le quattro alette

D-1. Posizionare sotto la base del supporto la clip SUPACLPB.

D-2. Posizionare il supporto con un lato tagliato a parete e l'altro verso l'esterno.

D-3. Posizionare la clip distanziatrice SUPACLPP e il profilo BST sulla testa del supporto.



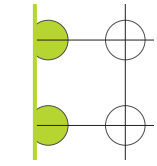
D-4. Tagliare la piastrella della misura equivalente la distanza tra il profilo BST e la clip base SUPACLPB.

D-5. Incastrare la piastrella tagliata tra il profilo BST e la clip SUPACLPB.

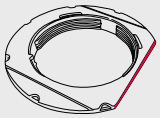
D-6. Posare la piastrella di copertura.

INSTALLAZIONE **PROFILO BST PER BORDO PERIMETRALE TERMINALE**

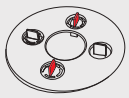
BST E



N.B.



rimuovere un lato della base

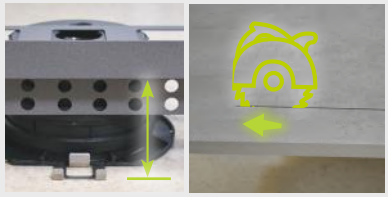


rimuovere due alette

E-1. Posizionare sotto la base del supporto la clip SUPACLPB.

E-2. Posizionare il supporto con il lato tagliato verso l'esterno.

E-3. Posizionare il profilo BST sulla testa del supporto.



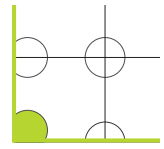
E-4. Tagliare la piastrella della misura equivalente la distanza tra il profilo BST e la clip SUPACLPB.

E-5. Incastrare la piastrella tagliata tra il profilo BST e la clip SUPACLPB.

E-6. Posare la piastrella di copertura.

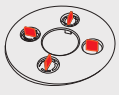
INSTALLAZIONE **PROFILO BST PER BORDO ANGOLARE PERIMETRALE**

BST F



N.B.

rimuovere due lati consecutivi della base

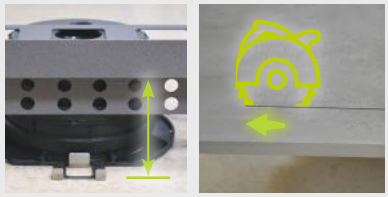


rimuovere le quattro alette

F-1. Posizionare sotto la base del supporto due clip SUPACLPB perpendicolari tra loro.

F-2. Posizionare il supporto con gli angoli tagliati verso l'esterno.

F-3. Posizionare l'angolo esterno del profilo, BSTE sulla testa. Accostare il profilo BST.

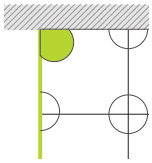


F-4. Tagliare la piastrella della misura equivalente la distanza tra il profilo BST e la clip SUPACLPB.

F-5. Incastrare la piastrella tagliata tra il profilo BST e la clip SUPACLPB.

F-6. Posare la piastrella di copertura.

BSR D



INSTALLAZIONE **PROFILO BSR PER BORDO PERIMETRALE ANGOLARE A MURO**

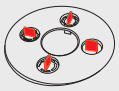
D-1. Posizionare il supporto con un lato tagliato a parete e l'altro verso l'esterno.

D-2. Posizionare la clip distanziatrice SUPACLPP sulla testa del supporto.

D-3. Posizionare il profilo BSR sulla testa del supporto.

N.B.

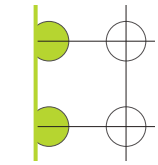
rimuovere due lati consecutivi della base



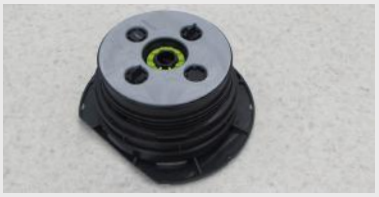
rimuovere le quattro alette

D-4. Posare la piastrella di copertura.

BSR E



INSTALLAZIONE **PROFILO BSR PER BORDO PERIMETRALE**

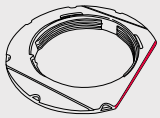


E-1. Posizionare il supporto con il lato tagliato verso l'esterno.

E-2. Posizionare il profilo BSR tra le alette sulla testa del supporto.

E-3. Posare la piastrella di copertura.

N.B.

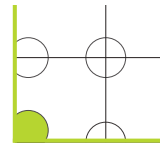


rimuovere un lato della base

rimuovere due alette

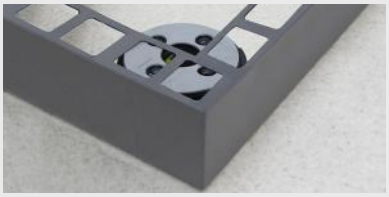
E-4. Proseguire con la posa delle piastrelle di copertura.

BSR F

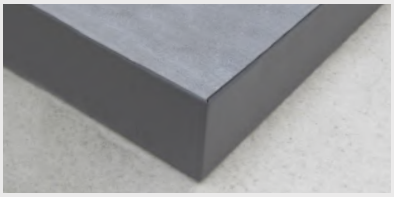


INSTALLAZIONE **PROFILO BSR PER BORDO ANGOLARE PERIMETRALE**

F-1. Posizionare il supporto con gli angoli tagliati verso l'esterno.



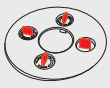
F-2. Far scorrere l'angolo esterno BSRE sul profilo BSR.



F-3. Posare la piastrella di copertura.

N.B.

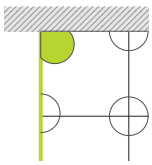
rimuovere due lati consecutivi della base



rimuovere le quattro alette

Dettaglio giunzione BSR + BSRE.

CLIP D



INSTALLAZIONE **CLIP BASE-TESTA PER BORDO PERIMETRALE ANGOLARE A MURO**

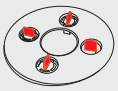
D-1. Posizionare sotto la base del supporto la clip SUPACLPB.

D-2. Posizionare il supporto con un lato tagliato a parete e l'altro verso l'esterno.

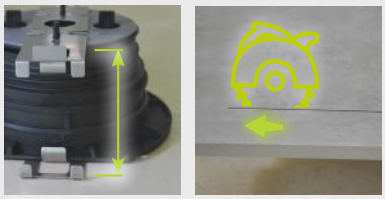
D-3. Posizionare la clip SUPACLPP perpendicolarmente alla parete. Posizionare la clip testa SUPACLPT.

N.B.

rimuovere due lati consecutivi della base



rimuovere le quattro alette

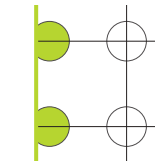


D-4. Tagliare la piastrella della misura equivalente la distanza tra le due clip SUPACLPT e SUPACLPB.

D-5. Incastrare la piastrella tagliata tra le due clip SUPACLPT e SUPACLPB.

D-6. Posare la piastrella di copertura.

CLIP E



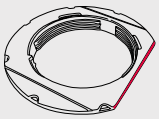
INSTALLAZIONE **CLIP BASE-TESTA PER BORDO PERIMETRALE**

E-1. Posizionare sotto la base del supporto la clip SUPACLPB.

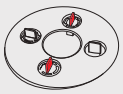
E-2. Posizionare il supporto con il lato tagliato verso l'esterno.

E-3. Posizionare la clip testa SUPACLPT tra le due alette posizionate sulla testa.

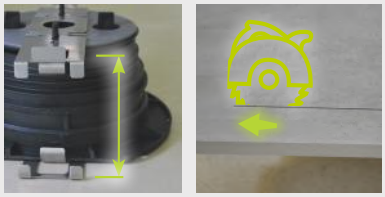
N.B.



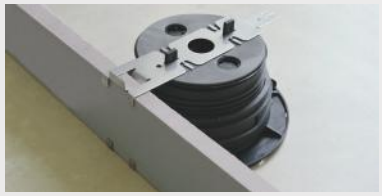
rimuovere un lato della base



rimuovere due alette



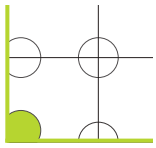
E-4. Tagliare la piastrella della misura equivalente la distanza tra le due clip SUPACLPT e SUPACLPB.



E-5. Incastrare la piastrella tagliata tra le due clip SUPACLPT e SUPACLPB.

E-6. Posare la piastrella di copertura.

CLIP F



INSTALLAZIONE **CLIP BASE-TESTA PER BORDO ANGOLARE PERIMETRALE**

F-1. Posizionare sotto la base del supporto due clip SUPACLPB perpendicolari tra loro.

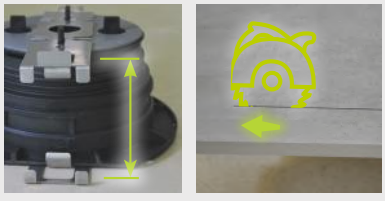
F-2. Posizionare il supporto con gli angoli tagliati verso l'esterno.

F-3. Posizionare sulla testa del supporto le due clip testa SUPACLPT, perpendicolari tra loro.

N.B.

rimuovere due lati consecutivi della base

rimuovere le quattro alette



F-4. Tagliare la piastrella della misura equivalente la distanza tra le due clip SUPACLPT e SUPACLPB.

F-5. Incastrare la piastrella tagliata tra le due clip SUPACLPT e SUPACLPB.

F-6. Posare la piastrella di copertura.

COMPONENTI PER L'INSTALLAZIONE

ELEMENTI BASE

Selezionare in base all'altezza desiderata tra:

- 1a SUPAL - 28÷43 mm
- 1b SUPAS - 43÷58 mm
- 1c SUPAS + SUPAR - 43÷58 mm +30 m
- 1d SUPAR120 - (opzionale)
- 2 SUPA4 - aletta per fughe da 4 mm
- 3 Travetto in Alluminio L = 2,40 m
- 4 Chiave di regolazione 3 in 1

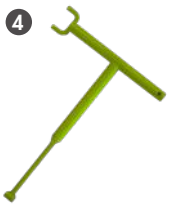

SUPAL


SUPAR120 (opzionale)


SUPAS


SUPAS + SUPAR


SUPA4


SUPAK

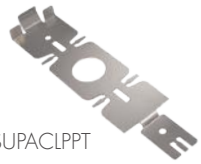

SUPAANG240

ACCESSORI

- 5 Clip distanziatrice perimetrale a muro
- 6 Clip bordo verticale - testa
- 7 Clip perimetrale - Travetto
- 8 Distanziatore tra piastrelle (4 mm)
- 9 Giunzione per travetto


SUPACLPP


SUPACLPT


SUPACLPPT

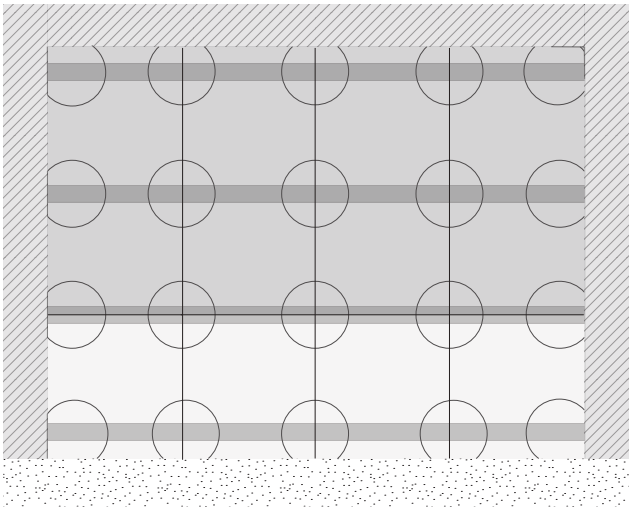

SUPDG


SUPAJG

ULTERIORI STRUMENTI NECESSARI

- 10 Seghetto
- 11 Metro a nastro
- 12 Strumento a bolla
- 13 Taglierino

SCHEMA POSIZIONAMENTO SUPPORTI



Esempio schema di posa per terrazza rettangolare chiusa su due lati. La lettera specificata indica la tipologia di supporto la cui posa sarà spiegata di seguito nel dettaglio.

L'installazione deve essere **chiusa** su tutti i lati da pareti o con appositi sistemi di chiusura perimetrali (clip).

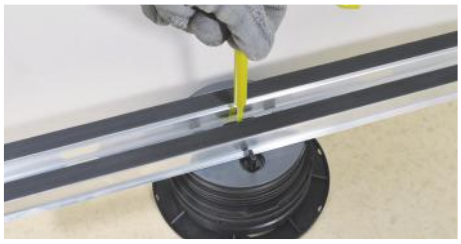
In caso di lunghezze superiori a 2,40 m, accostare più magatelli mantenendo una distanza di 5 mm tra la fine di un travetto e l'inizio del successivo oppure inserire l'apposita giunzione SUPAJG.

Interasse massimo tra i supporti 50 o 60 cm a seconda della lunghezza del travetto.

1. Capovolgere la base e rimuovere uno o due lati a seconda del posizionamento dei supporti.

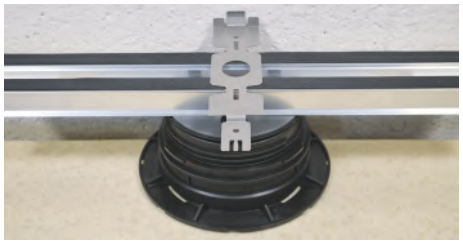
2. Posizionare i supporti in corrispondenza della parete.

3. Inserire il travetto SUPAANG tra le alette dei supporti.



4. Livellare i supporti con la chiave SUPAK in modo da ottenere una superficie piana.

5. Angolo - Posizionare le clip distanziatrici SUPACLPPT perpendicolarmente e parallelamente al travetto e a contatto con la parete.



6. Perimetro - Posizionare la clip distanziatrice SUPACLPPT perpendicolarmente al travetto e a contatto con la parete.

7. Posizionare i supporti restanti.

8. Posizionare il travetto successivo distanziato dalla parete con la clip SUPACLPPT.

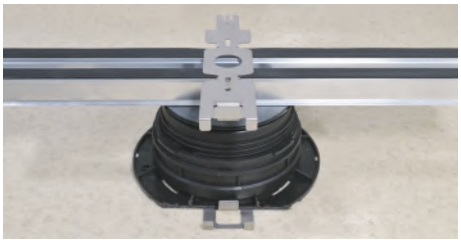
9. Proseguire con l'installazione per tutta l'area di posa.

CHIUSURA DEL LATO APERTO

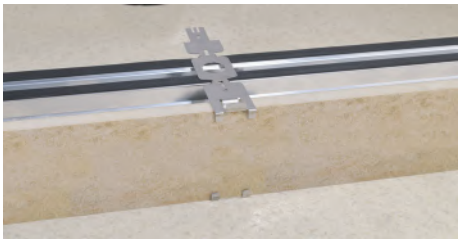
10. Posizionare sotto la base del supporto la clip SUPACLPB.

11. Posizionare il supporto con un lato tagliato a parete e l'altro tagliato verso l'esterno.

12. Angolo - Posizionare il travetto SUPAANG. Posizionare poi la clip distanziatrice SUPACLPPT parallelamente e la clip di chiusura SUPACLPT perpendicolarmente ad esso.



13. Perimetro - Posizionare la clip di chiusura SUPACLPT perpendicolarmente al travetto.



14. Incastrare la piastrella tagliata tra le due clip SUPACLPT e SUPACLPB.

15. Completare l'installazione.

POSA PIASTRELLE CON DISTANZIATORI SU MAGATELLI - (piastrelle allineate)

16. Incastrare i distanziatori SUPDG nell'apposita fessura presente sul travetto, in modo da mantenere la stessa distanza tra le varie piastrelle.

17. Posare le restanti piastrelle.

POSA PIASTRELLE CON DISTANZIATORI SU MAGATELLI - (piastrelle sfalsate)

16. Incastrare i distanziatori SUPDG (rimuovendo le alette non necessarie) nell'apposita fessura presente sul travetto nel punto in cui viene posata la piastrella sfalsata della fila successiva.

17. Posare le restanti piastrelle.

CHIUSURA CON PROFILO BSJ

Dopo aver posizionato il supporto e le relative clip posizionare il profilo BSJ.

Incastrare la piastrella tagliata tra il profilo BSJ e la clip SUPACLPB.

Posare la piastrella di copertura.

CHIUSURA CON PROFILO BST

Dopo aver posizionato il supporto e le relative clip posizionare il profilo BST.

Incastrare la piastrella tagliata tra il profilo BST e la clip SUPACLPB.

Posare la piastrella di copertura.

CHIUSURA CON PROFILO BSR

Dopo aver posizionato il supporto e la clip SUPACLPPT posizionare il profilo BSR.

Posare la piastrella di copertura.

COMPONENTI PER L'INSTALLAZIONE

ELEMENTI BASE

Selezionare in base all'altezza desiderata tra:

- 1a SUPAL - 28÷43 mm
- 1b SUPAS - 43÷58 mm
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm
- 1d SUPAR120 - (opzionale)
- 2 SUPA4 - aletta 4 mm
- 3 Travetto in Alluminio L = 2,40 m
- 4 Chiave di regolazione 3 in 1


1a SUPAL


1b SUPAS


1c SUPAS + SUPAR


1d SUPAR120 (opzionale)


2 SUPA4


3 SUPAANG240


4 SUPAK

ACCESSORI

- 5 Clip per incastro listoni
- 6 Giunzione per travetto


5 SUPCLIPG


6 SUPAJG

ULTERIORI STRUMENTI NESESSARI

- 7 Seghetto
- 8 Metro a nastro
- 9 Strumento a bolla
- 10 Avvitatore
- 11 Viti per Alluminio


7

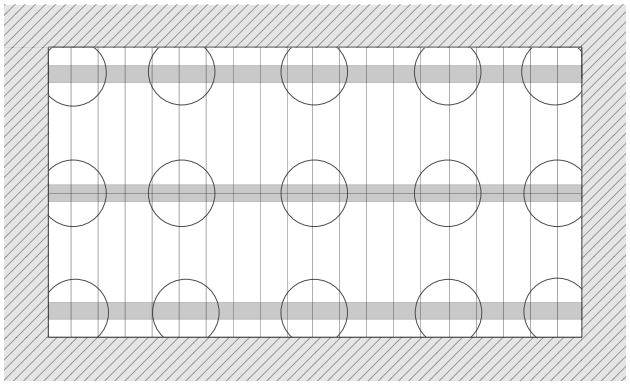

8


9


10


11

SCHEMA POSIZIONAMENTO SUPPORTI



Esempio schema di posa per terrazza rettangolare chiusa sui quattro lati. La lettera specificata indica la tipologia di supporto la cui posa sarà spiegata di seguito nel dettaglio.

L'installazione deve essere **chiusa** su tutti i lati.

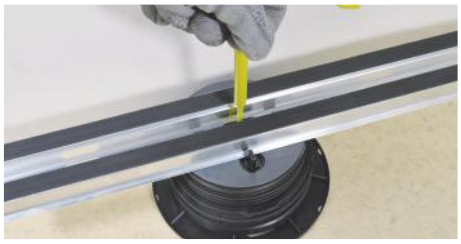
In caso di lunghezze superiori a 2 m, accostare più magatelli mantenendo una distanza di 5 mm tra la fine di un travetto e l'inizio del successivo.

Interasse massimo tra i supporti 50 o 60 cm a seconda della lunghezza del travetto.

1. Capovolgere la base e rimuovere uno o due lati a seconda del posizionamento dei supporti.

2. Posizionare i supporti in corrispondenza della parete.

3. Inserire il travetto SUPAANG tra le alette dei supporti.



4. Livellare i supporti con la chiave SUPAK in modo da ottenere una superficie piana.

5. Inserire la clip orizzontalmente e poi ruotarla di 90° per garantirne l'incastro

6. Avvicinare la clip SUPCLIPG alla parete.

7. Fissare la clip al travetto.

8. Posare il listello in legno incastrandone la fessura nella clip.

9. Posizionare una clip SUPCLIPG a blocco del listello.

10. Posizionare la successiva clip SUPCLIPG.

11. Proseguire con la posa dei restanti listelli in legno.

***Nota**: In caso di posa diagonale del deck rispetto al travetto, la clip può essere ruotata per un massimo di 40° in entrambe le direzioni.*

COMPONENTI PER L'INSTALLAZIONE

ELEMENTI BASE

Selezionare in base all'altezza desiderata tra:

- 1a SUPAL - 28÷43 mm
- 1b SUPAS - 43÷58 mm
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm
- 1d SUPAR120 - (opzionale)
- 2 SUPAW - aletta per travetto in legno
- 3 Chiave di regolazione 3 in 1


1a SUPAL


1d SUPAR120 (opzionale)


1b SUPAS


1c SUPAS + SUPAR


2 SUPAW


3 SUPAK

ULTERIORI STRUMENTI NECESSARI

- 4 Travetti in legno

- 5 Seghetto

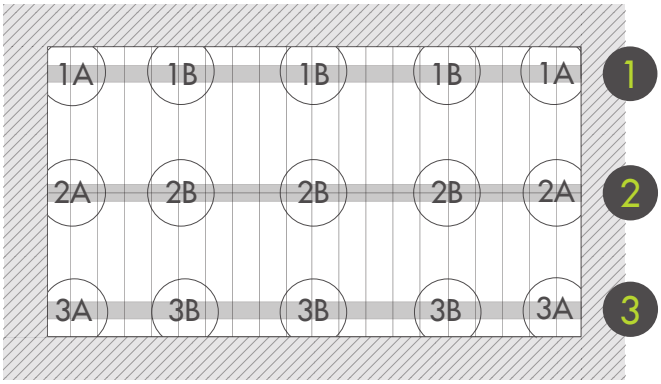
- 6 Metro a nastro

- 7 Strumento a bolla

- 8 Avvitatore

- 9 Viti per legno

SCHEMA POSIZIONAMENTO SUPPORTI



Esempio schema di posa per terrazza rettangolare chiusa sui quattro lati. La lettera specificata indica la tipologia di supporto la cui posa sarà spiegata di seguito nel dettaglio.

L'installazione deve essere **chiusa** su tutti i lati da pareti.

In caso di accostamento di più travetti mantenenere una distanza di 5 mm tra la fine di un travetto e l'inizio del successivo.

Fissare il travetto in legno alle alette SUPAW in modo alternato (dx,sx) per compensare eventuali movimenti del materiale.

1 CONFIGURAZIONE

POSIZIONAMENTO SUPPORTI **ANGOLARI A PARETE** 1A

1. Capovolgere la base e rimuovere due dei lati lungo la linea pre-incisa.

2. Assemblare il supporto e posizionare i due lati tagliati in corrispondenza dell'angolo.

POSIZIONAMENTO SUPPORTI **PERIMETRALI A PARETE** 1B

3. Capovolgere la base e rimuovere uno dei lati lungo la linea pre-incisa.

4. Assemblare il supporto e posizionarlo con il lato tagliato poggiato a parete.

POSIZIONAMENTO **TRAVETTO 1**

5. Posizionare il travetto in legno poggiato all'aletta SUPAW.

6. Avvitare il travetto al supporto attraverso le apposite fessure (utilizzare un avvitatore).

7. Verificare che il travetto sia fissato saldamente ad ogni supporto.

2 CONFIGURAZIONE

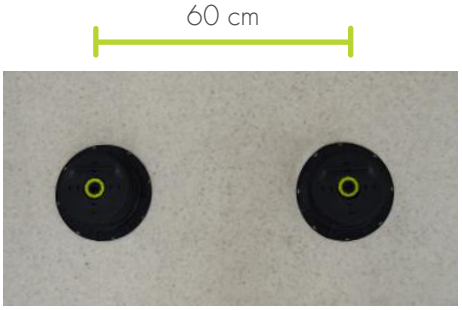
POSIZIONAMENTO SUPPORTI **PERIMETRALI A PARETE** 2A

8. Capovolgere la base e rimuovere uno dei lati lungo la linea pre-incisa.

9. Assemblare il supporto e posizionarlo con il lato tagliato poggiato a parete.

POSIZIONAMENTO SUPPORTI **CENTRALI** 2B

10. Assemblare il supporto e posizionarlo a pavimento.



11. Interasse massimo tra i supporti: 60 cm.

POSIZIONAMENTO **TRAVETTO 2**

12. Posizionare il travetto in legno poggiato all'aletta SUPAVV.

13. Avvitare il travetto al supporto attraverso le apposite fessure (utilizzare un avvitatore).

14. Verificare che il travetto sia fissato saldamente ad ogni supporto.

3 CONFIGURAZIONE

POSIZIONAMENTO SUPPORTO **ANGOLARE A PARETE** 3A

15. Capovolgere la base e rimuovere due dei lati lungo la linea pre-incisa.

16. Assemblare il supporto e posizionare i due lati tagliati in corrispondenza dell'angolo.

POSIZIONAMENTO SUPPORTI **PERIMETRALI**

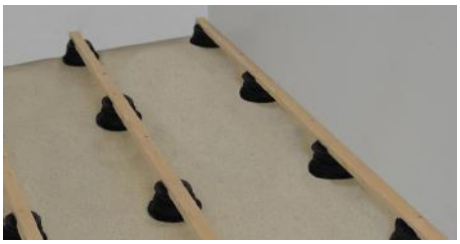
17. Capovolgere la base e rimuovere uno dei lati lungo la linea pre-incisa.

18. Assemblare il supporto e posizionarlo con il lato tagliato poggiato a parete.

POSIZIONAMENTO **TRAVETTO 3**

19. Posizionare il travetto in legno poggiato all'aletta SUPAW.

20. Avvitare il travetto al supporto attraverso le apposite fessure (utilizzare un avvitatore).



21. Verificare che il travetto sia fissato saldamente ad ogni supporto.

POSA **LEGNO** SU TRAVETTO CON **VITI**

22. Verificare che l'installazione sia in bolla.

23. Posizionare il primo listello di legno a contatto parete.

24. Avvitare il listello in legno al travetto sottostante con un apposito avvitatore.

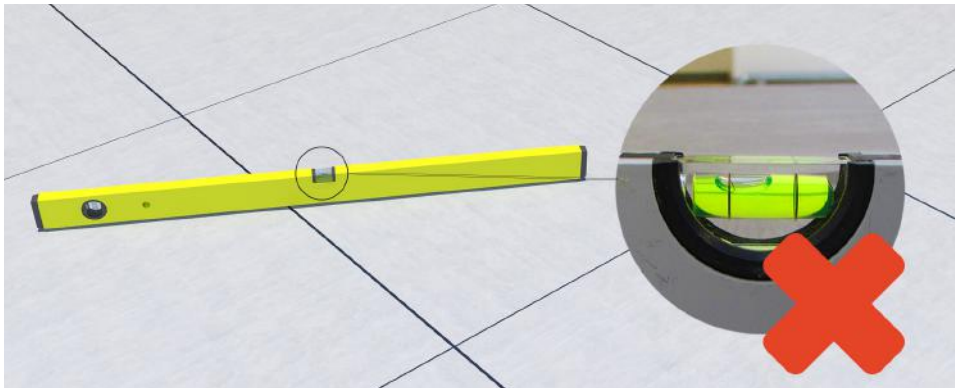
25. Posare la prima fila di listelli in legno avvitandoli nei punti in cui poggiano sul travetto in legno sottostante.

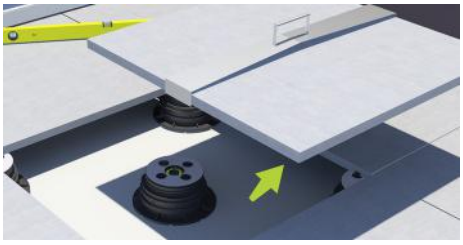
26. Posare e fissare i restanti listelli.

***Nota**: Se si preferisce è possibile fissare i listelli al travetto con chiodi e martello.*

A. CASO SPECIALE - REGOLAZIONE SUPPORTO CENTRALE

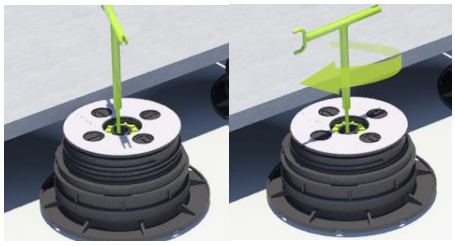
Nel caso in cui vi sia un dislivello tra le piastrelle posate è possibile controllare l'altezza dei supporti rimuovendo una piastrella e verificando il supporto centrale.





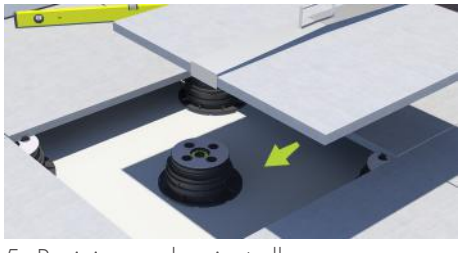
1. Sollevare la piastrella interessata.

2. Accostare il supporto al livello delle piastrelle limitrofe per poterne modificare correttamente l'altezza.

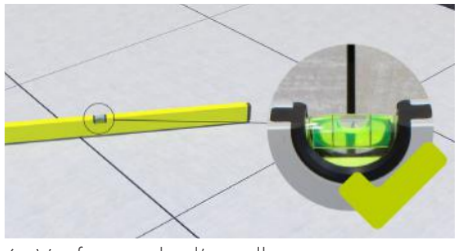


3. Utilizzare la chiave SUPAK per modificare l'altezza del supporto.

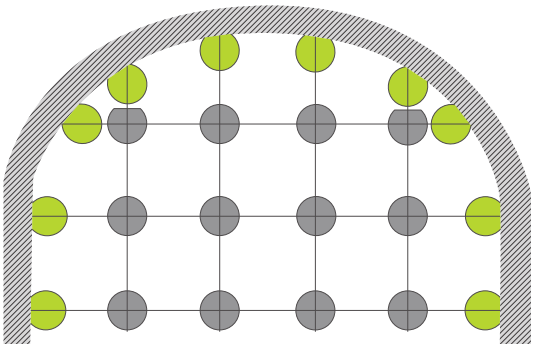
4. Una volta raggiunta l'altezza corretta posizionare nuovamente il supporto al centro.

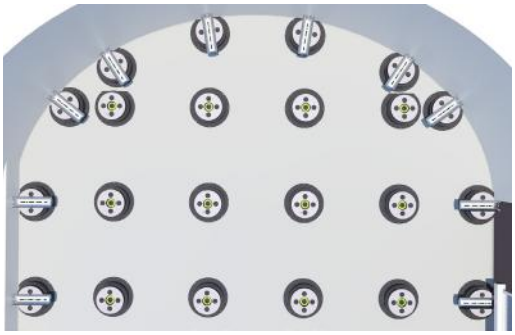


5. Posizionare la piastrella.

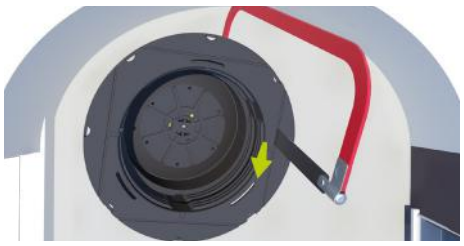


6. Verificare che l'installazione sia in bolla.



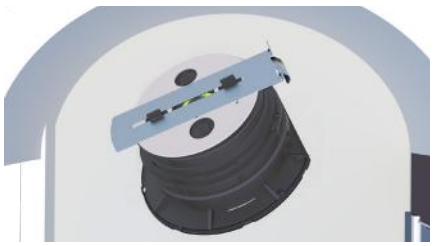


Si suggerisce la realizzazione di uno schema di posizionamento prima di procedere all'installazione.
E' importante che le piastrelle tagliate a parete poggino saldamente in tutti gli spigoli.

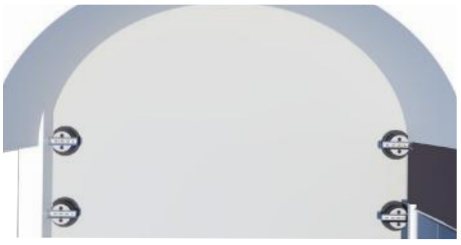


1. Tagliare uno dei lati del supporto.

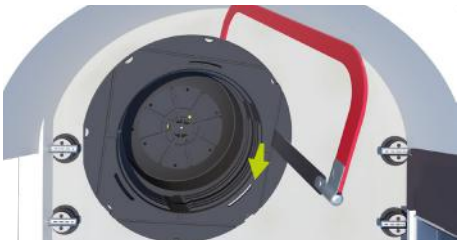
2. Rimuovere le due alette parallele al taglio della base.



3. Posizionare la clip SUPACLPP perpendicolarmente alla parete.



4. Posizionare i supporti nelle posizioni indicate dallo schema di progettazione.

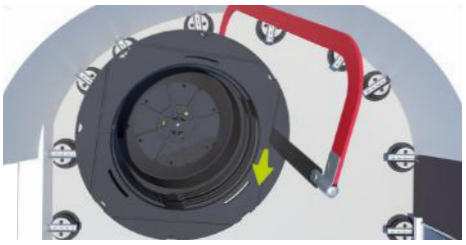


5. Tagliare uno dei lati del supporto.

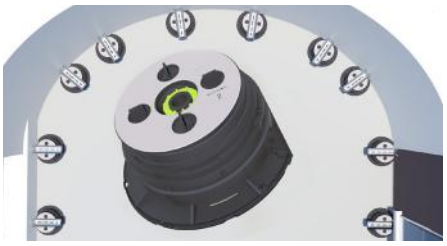
6. Rimuovere tutte le alette presenti sulla testa.

7. Posizionare la clip SUPACLPP perpendicolarmente alla parete.

8. Posizionare i supporti nelle posizioni indicate dallo schema di progettazione.



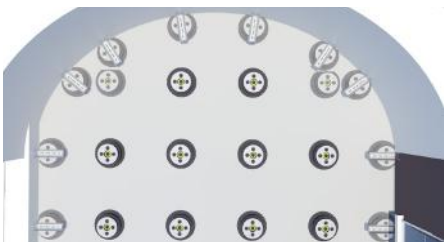
9. Tagliare uno dei lati del supporto.



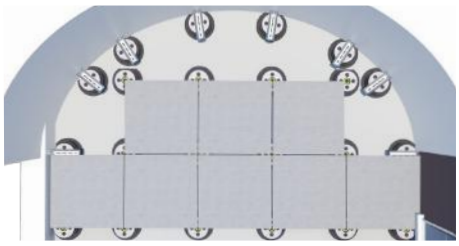
10. Mantenere tutte e quattro le alette.

11. Posizionare i supporti nelle posizioni indicate dallo schema di progettazione.

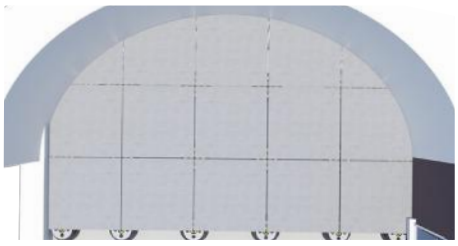
12. Mantenere l'intero supporto integro.



13. Posizionare i supporti nelle posizioni indicate dallo schema di progettazione.



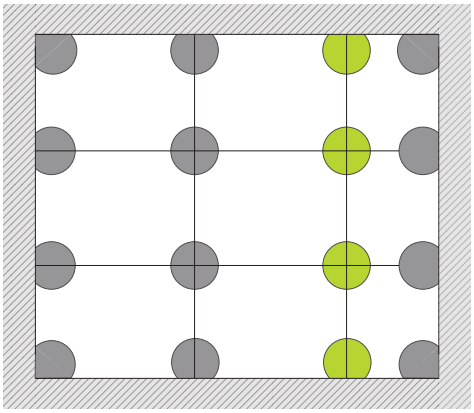
14. Posizionare le piastrelle intere seguendo lo schema di posa.

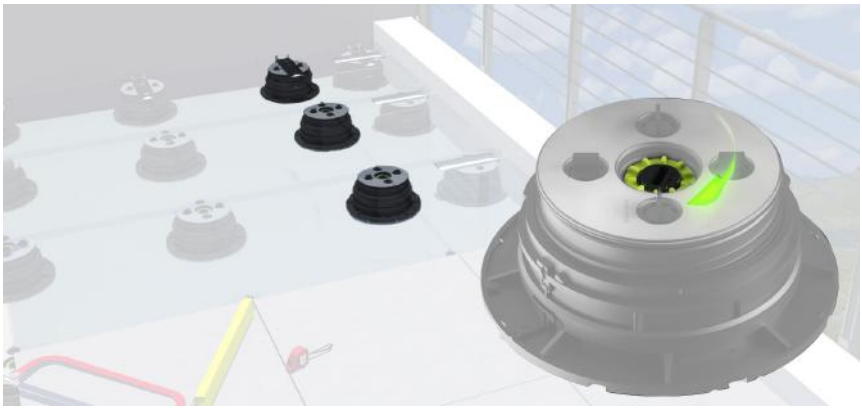


15. Tagliare le piastrelle a parete della forma corretta e posarle seguendo lo schema di posa.

C. CASO SPECIALE - CARICO DI PESO NON BILANCIATO

Utilizzare la modalità a testa fissa solo nei supporti in cui vi sia un carico di peso non bilanciato.
Esempio: terrazza chiusa nei quattri lati e realizzata con piastrelle 60x60 cm. Nel caso in cui dovesse essere necessaria la riduzione della grandezza dell'ultima fila di piastrelle, i supporti che sostengono contemporaneamente le piastrelle 60x60 cm e quelle tagliate, dovranno essere impostati in modalità a testa fissa.



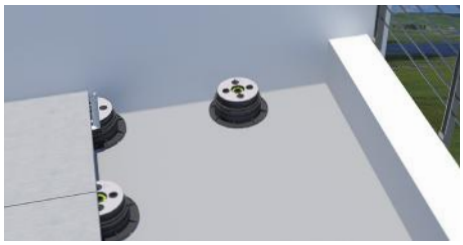


N.B.= In caso di pendenza a pavimento, utilizzare i dischi SUPL2 o SUPL3 per i supporti in modalità a testa fissa.

SUPL2
spessore 2 mm

SUPL3
spessore 3 mm

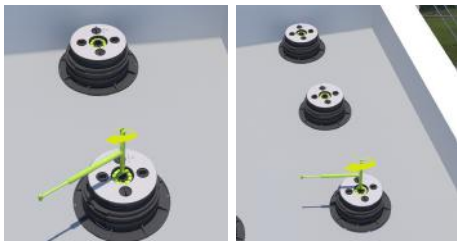
1. Tagliare uno dei lati del supporto.



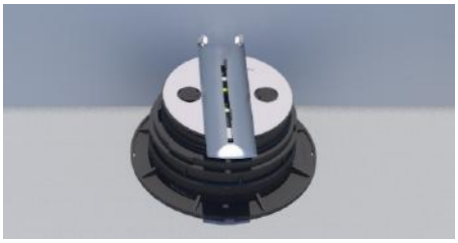
2. Posizionare il supporto con il lato tagliato a contatto con la parete.

3. Rimuovere le due alette parallele al muro.

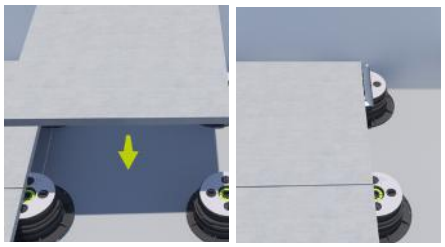
4. Fissare il supporto in modalità a 'testa fissa' avvitando la ghiera in senso orario.



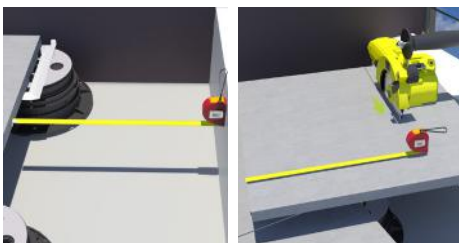
5. Posizionare il resto dei supporti e fissarne la testa avvitando la ghiera.



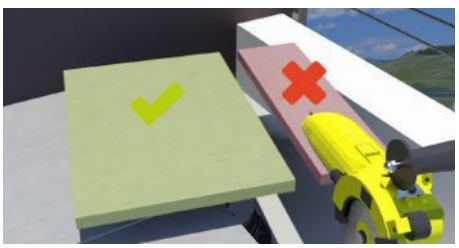
6. Posizionare la clip SUPACLPP.



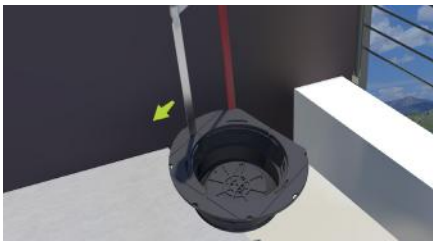
7. Posare le piastrelle.



8. Misurare la distanza rimanente.

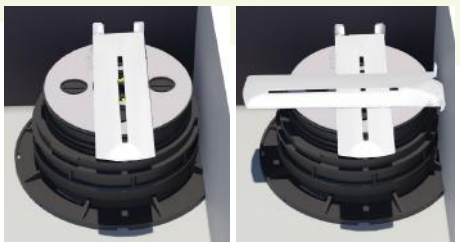


9. Tagliare la piastrella.

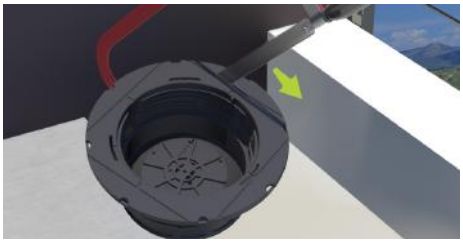


10. Tagliare due lati del supporto.

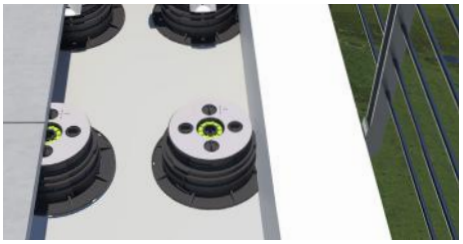
11. Posizionare il supporto in angolo e rimuovere tutte e 4 le alette.



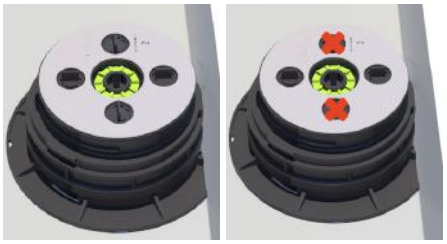
12. Posizionare due clip distanziatrici SUPACLPP perpendicolari tra loro.



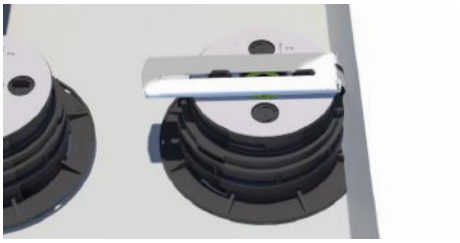
13. Tagliare uno dei lati del supporto.



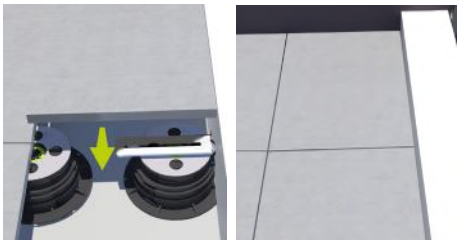
14. Posizionare il supporto con il lato tagliato a contatto con la parete.



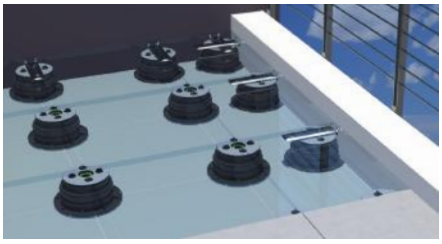
15. Rimuovere le due alette parallele al muro.



16. Posizionare la clip distanziatrice SUPACLPP.



17. Posizionare le piastrelle.

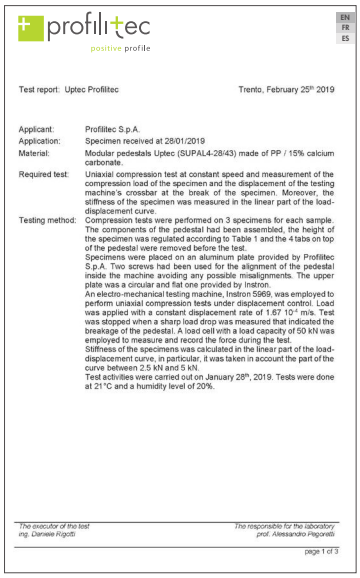


18. Schema di posizionamento dei supporti.

Prove eseguite dal Dipartimento di Ingegneria Industriale dell'Università degli studi di Trento.

Nella tabella sottostante sono indicati i valori del carico di rottura ottenuti testando i supporti in diverse condizioni: con testa fissa o autolivellante, con piano di appoggio piano o inclinato ed in diverse condizioni di temperatura e velocità di applicazione del carico.

Modello	Altezza		Testa	Piano	Temperatura		Velocità		Carico di rottura	
	mm	in			°C	°F	mm/min	in/min	kN	lbF
SUPAL-28/43	43	1-11/16	FISSA	ORIZZONTALE	21	69.8	10	3/8	15.58 ± 0.54	3502.52 ± 121.4
SUPAL-28/43	43	1-11/16	BASCULANTE	INCLINATO	21	69.8	10	3/8	13.93 ± 0.24	3131.59 ± 211
SUPAS-58/88	88	3-15/32	FISSA	ORIZZONTALE	21	69.8	100	4	14.48 ± 0.89	3255.23 ± 200
SUPAS-508/538	538	21-3/16	BASCULANTE	INCLINATO	21	69.8	100	4	13.67 ± 0.90	3073.14 ± 202.33
SUPAS-58/88	88	3-15/32	FISSA	ORIZZONTALE	-20	-4	100	4	21.86 ± 0.97	4914.32 ± 218.06
SUPAS-58/88	88	3-15/32	FISSA	ORIZZONTALE	80	176	100	4	5.31 ± 0.48	1193.74 ± 107.91


profilitec
positive profile

Test report: Uptec Profilitec — Trento, February 25th 2019

Applicant: Profilitec S.p.A.
Application: Specimen received at 28/01/2019
Material: Modular pedestals Uptec (SUPAL4-28/43) made of PP / 15% calcium carbonate.
Required test: Uniaxial compression test at constant speed and measurement of the compression load of the specimen and the displacement of the testing machine's crossbar at the break of the specimen. Moreover, the stiffness of the specimen was measured in the linear part of the load-displacement curve.
Testing method: Compression tests were performed on 3 specimens for each sample. The components of the pedestal had been assembled, the height of the specimen was regulated according to Table 1 and the 4 tabs on top of the pedestal were removed before the test.
Specimens were placed on an aluminum plate provided by Profilitec S.p.A. Two screws had been used for the alignment of the pedestal inside the machine avoiding any possible misalignments. The upper plate was a circular and flat one provided by Instron.
An electro-mechanical testing machine, Instron 5969, was employed to perform uniaxial compression tests under displacement control. Load was applied with a constant displacement rate of 1.67 10⁻² m/s. Test was stopped when a sharp load drop was measured that indicated the breakage of the pedestal. A load cell with a load capacity of 50 kN was employed to measure and record the force during the test.
Stiffness of the specimens was calculated in the linear part of the load-displacement curve, in particular, it was taken in account the part of the curve between 2.5 kN and 5 kN.
Test activities were carried out on January 28th, 2019. Tests were done at 21°C and a humidity level of 20%.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 1 of 3

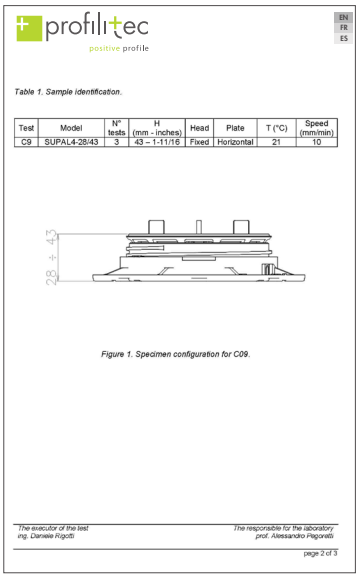

profilitec
positive profile

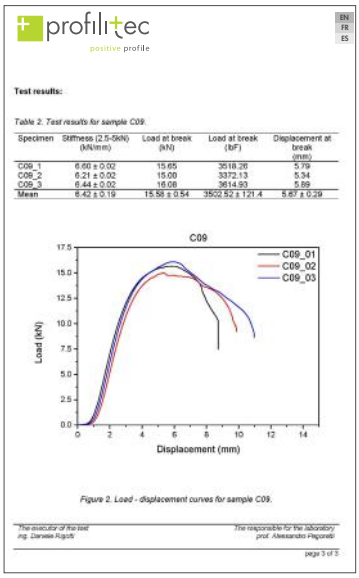
Table 1. Sample identification.

Test	Model	N° tests	H (mm - inches)	Head	Plate	T (°C)	Speed (mm/min)
C9	SUPAL4-28/43	3	43 – 1-11/16	Fixed	Horizontal	21	10

Figure 1. Specimen configuration for C09.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 2 of 3


profilitec
positive profile

Test results:

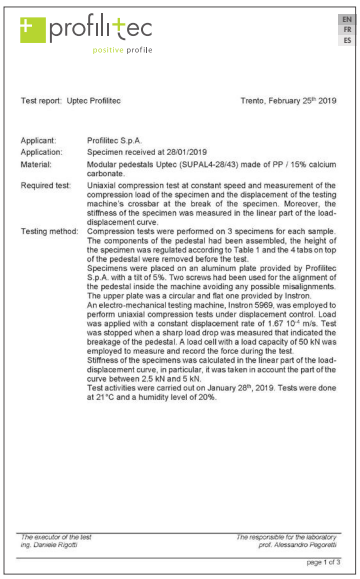
Table 2. Test results for sample C09.

Specimen	Stiffness (2.5-5kN) (kN/mm)	Load at break (kN)	Load at break (lbF)	Displacement at break (mm)
C09_1	6.60 ± 0.02	15.65	3518.26	5.79
C09_2	6.21 ± 0.02	15.08	3372.13	5.54
C09_3	6.44 ± 0.02	16.08	3614.93	5.89
Mean	6.42 ± 0.19	15.58 ± 0.54	3502.52 ± 121.4	5.67 ± 0.29

Figure 2. Load - displacement curves for sample C09.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 3 of 3


profilitec
positive profile

Test report: Uptec Profilitec — Trento, February 25th 2019

Applicant: Profilitec S.p.A.
Application: Specimen received at 28/01/2019
Material: Modular pedestals Uptec (SUPAL4-28/43) made of PP / 15% calcium carbonate.
Required test: Uniaxial compression test at constant speed and measurement of the compression load of the specimen and the displacement of the testing machine's crossbar at the break of the specimen. Moreover, the stiffness of the specimen was measured in the linear part of the load-displacement curve.
Testing method: Compression tests were performed on 3 specimens for each sample. The components of the pedestal had been assembled, the height of the specimen was regulated according to Table 1 and the 4 tabs on top of the pedestal were removed before the test.
Specimens were placed on an aluminum plate provided by Profilitec S.p.A. with a tilt of 5%. Two screws had been used for the alignment of the pedestal inside the machine avoiding any possible misalignments. The upper plate was a circular and flat one provided by Instron.
An electro-mechanical testing machine, Instron 5969, was employed to perform uniaxial compression tests under displacement control. Load was applied with a constant displacement rate of 1.67 10⁻² m/s. Test was stopped when a sharp load drop was measured that indicated the breakage of the pedestal. A load cell with a load capacity of 50 kN was employed to measure and record the force during the test.
Stiffness of the specimens was calculated in the linear part of the load-displacement curve, in particular, it was taken in account the part of the curve between 2.5 kN and 5 kN.
Test activities were carried out on January 28th, 2019. Tests were done at 21°C and a humidity level of 20%.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 1 of 3

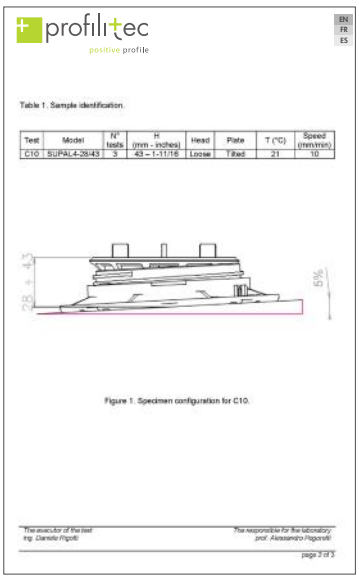

profilitec
positive profile

Table 1. Sample identification.

Test	Model	N° tests	H (mm - inches)	Head	Plate	T (°C)	Speed (mm/min)
C10	SUPAL4-28/43	3	43 – 1-11/16	Loose	Tilted	21	10

Figure 1. Specimen configuration for C10.

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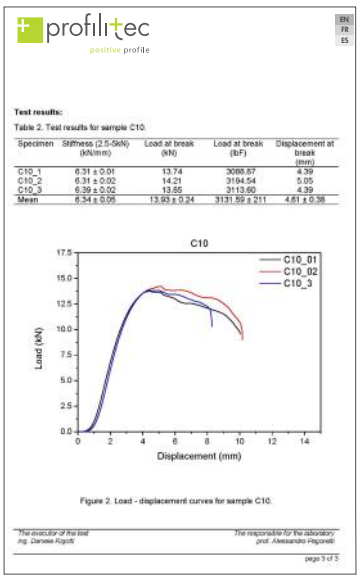
page 2 of 3


profilitec
positive profile

Test results:

Table 2. Test results for sample C10.

Specimen	Stiffness (2.5-5kN) (kN/mm)	Load at break (kN)	Load at break (lbF)	Displacement at break (mm)
C10_1	6.31 ± 0.01	13.74	3088.67	4.39
C10_2	6.31 ± 0.02	14.21	3194.54	5.05
C10_3	6.39 ± 0.02	13.85	3113.60	4.39
Mean	6.34 ± 0.05	13.93 ± 0.24	3131.59 ± 211	4.61 ± 0.38

Figure 2. Load - displacement curves for sample C10.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 3 of 3

uptec® Manual

EN

Uptec is a universal, adjustable pedestal for outdoor raised floor installations, specifically indicated for 2 cm - 3/4" ceramic tile. Uptec launches the 3-in-1 revolution, 3 articles (3 base codes: **SUPAL, SUPAS** and **SUPAR**) in only one system. The three products work seamlessly with 3 accessories (3 codes: **SUPA2, SUPA4** and **SUPAW**) designed for standard installations (2 mm - 3/32" and 4 mm - 5/32"tile joints) or for wood and aluminum joists. The rubber, interchangeable accessories guarantee a sound dampening, non-slip system. Uptec allows you to reach the desired floor height by simply adding **SUPAR** spacer rings; an ingenuous locking disc lets you easily change from a self-leveling head to a fixed head.

3 in 1

Innovative 3-in-1 system designed to complete installations of different heights with one single product.

SUPAR

Add or remove a SUPAR ring to change the pedestal height

Self leveling

Fixed

Simple mechanism to change from a self-leveling head to a fixed head

INDEX

EN

3 PRODUCTS

SUPAL
Low pedestal

28÷43 mm
1-3/32"÷1-11/16"

SUPAS
Standard pedestal

43÷58 mm
1-11/16"÷2-9/32"

SUPAR
Modular ring

+ 30 mm
+ 1-3/16"

3 OPTIONS + ADJUSTMENT KEY

SUPA2
For ceramic tile installations

for 2 mm joints
3/32"

SUPA4
For ceramic tile and tile installations with aluminum joists

for 4 mm joints
5/32"

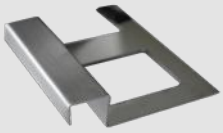
SUPAW
For installations on wood joists

SUPAK
3in1 adjustment key

For minimum 4 mm - 5/32" tile joints

OTHER PROFILES AND ACCESSORIES

BSJ
Perimetral profile



L = 2.70 m
8' 10"

BSR
Perimetral profile

L = 2.70 m
8' 10"

BST20
Perimetral profile

L = 2.70 m
8' 10"

SUPL2 - SUPL3
Leveling disk

2 mm - 3/32"
3 mm - 1/8"

SUPCLPP
Perimeter tile spacer

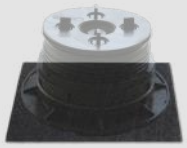
SUPACLPB
Clip for vertical edge - Base

SUPACLPT
Clip for vertical edge - Head

SUPAR120
Modular ring

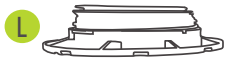
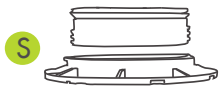
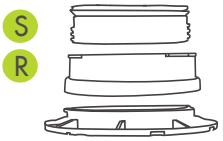
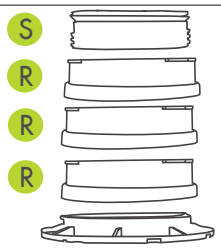
120 mm - 4-3/4"

SUPATG
Mat



198 x 198 mm
7" 25/32 x 7" 25/32

UPTEC - adjustable universal pedestals for raised floors - components	
ART.	DESCRIPTION
SUPAL	Low pedestal 28÷43 mm - 1-3/32÷1-11/16"
SUPAS	Standard pedestal 43÷58 mm - 1-11/16"÷2-9/32"
SUPAR	Modular ring +30 mm - +1-3/16"
UPTEC - base options	
ART.	DESCRIPTION
SUPA2	Spacer - 2 mm tabs - 3/32" for ceramic tile installations
SUPA4	Spacer - 4 mm tabs - 5/32" for ceramic tile installations and tile installations with aluminum joists
SUPAW	Tab for installations on wood joists
UPTEC - additional options	
ART.	DESCRIPTION
SUPAR120	Modular ring 120 mm - 4-3/4"
SUPAK	3 functions adjusting key
SUPL2	Leveling disk 2 mm - 3/32"
SUPL3	Leveling disk 3 mm - 1/8"
SUPACLPP	Perimeter tile spacer
SUPACLPT	Clip for vertical edge - Head
SUPACLPB	Clip for vertical edge - Base
BSJ + BSJE	Perimetral profile + External joint
BSR + BSRE + BSRG	Perimetral profile + External joint + Joint piece
BST + BSTE	Perimetral profile + External joint
SUPATG	Mat 198x198x3 mm - 7" 25/32 x 7" 25/32 x 1/8"

28-43 mm 1-3/32" - 1-11/16"	43-58 mm 1-11/16" - 2-9/32"	58-88 mm 2-9/32" - 3-15/32"	88-118 mm 3-15/32" - 4-41/64"	118-148 mm 4-41/64" - 5-53/64"
 SUPAL	 SUPAS	 SUPAS + 1 SUPAR	 SUPAS + 2 SUPAR	 SUPAS + 3 SUPAR
2 4 W	2 4 W	2 4 W	2 4 W	2 4 W

UPTEC - KIT pedestal with 2 mm - 3/32" tabs - assembled	
ART.	DESCRIPTION
SUPAL2-28/43	kit pedestal + 2 mm - 3/32" spacer tabs
SUPAS2-43/58	kit pedestal + 2 mm - 3/32" spacer tabs
SUPAS2-58/88	kit pedestal + 2 mm - 3/32" spacer tabs
SUPAS2-88/118	kit pedestal + 2 mm - 3/32" spacer tabs
SUPAS2-118/148	kit pedestal + 2 mm - 3/32" spacer tabs

UPTEC - KIT pedestal with 4 mm - 5/32" tabs - assembled	
ART.	DESCRIPTION
SUPAL4-28/43	kit pedestal + 4 mm - 5/32" spacer tabs
SUPAS4-43/58	kit pedestal + 4 mm - 5/32" spacer tabs
SUPAS4-58/88	kit pedestal + 4 mm - 5/32" spacer tabs
SUPAS4-88/118	kit pedestal + 4 mm - 5/32" spacer tabs
SUPAS4-118/148	kit pedestal + 4 mm - 5/32" spacer tabs

SUPAANG
Aluminum joists

L = 2.40 m
7-7/8″

ACCESSORIES

SUPAJG
Joist junction

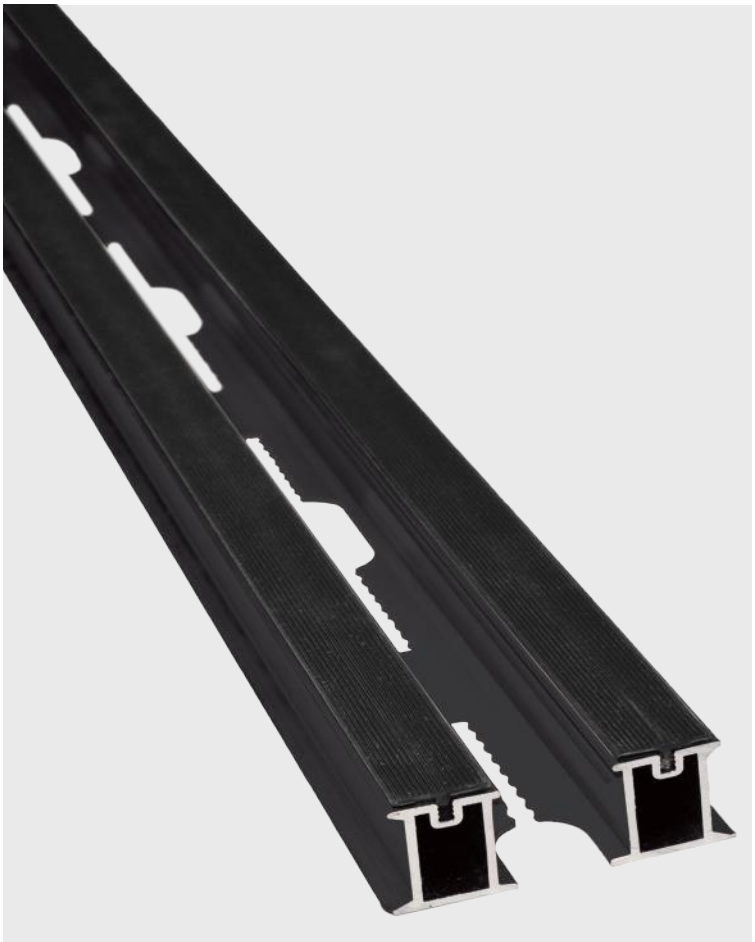
SUPDG
Spacer thickness

4 mm
5/32″

SUPACLPPT
Perimeter tile spacer - Joist

SUPCLIPG
Lateral and central clip

UPTEC - adjustable universal pedestals for raised floors - components	
ART.	DESCRIPTION
SUPAANG240	Aluminum joist (L = 2.40 m - 7-7/8″)
SUPAANGB240	Black Aluminum joist (L = 2.40 m - 7-7/8″)
UPTEC - additional options	
ART.	DESCRIPTION
SUPDG	Spacer (4 mm - 5/32″ thickness)
SUPAJG	Joist junction
SUPCLIPG	Lateral and central clip
SUPACLPPT	Perimeter tile spacer - Joist



SUPAS

43÷58 mm
1-11/16"÷2-9/32"

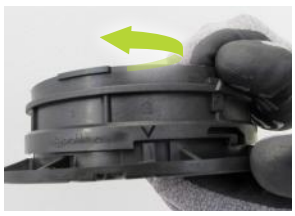
SUPAS 1 SUPAR

58÷88 mm
2-9/32"÷3-15/32"

PLEASE NOTE: pay close attention to the marks on the base elements and on the bottom of the SUPAR elements.

OPEN

CLOSED



SUPAR

+30 mm
+1-3/16"

PLEASE NOTE: pay close attention to the marks underneath the added SUPAR elements and the marks on top of the underlying SUPAR elements.

OPEN

CLOSED

SUPA 2/4/W

SUPAS

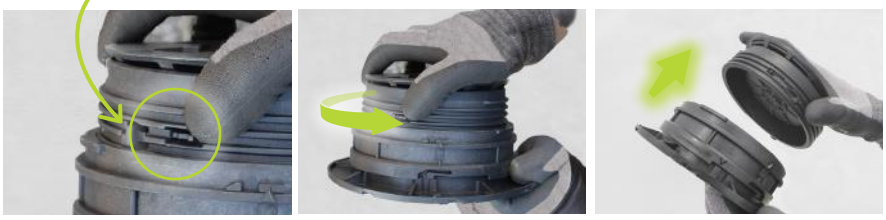
43÷58 mm
1-11/16"÷2-9/32"

PUSH

SUPAS 1SUPAR

58÷88 mm
2-9/32"÷3-15/32"

PUSH



RAISE

SUPAR

- 30 mm
- 1-3/16"

RAISE

SUPA 2/4/W

UNFASTEN

SUPAK

USES OF THE ADJUSTMENT TOOL: 3 FUNCTIONS

Self-leveling
Fixed

Adjustable height

Remove tabs

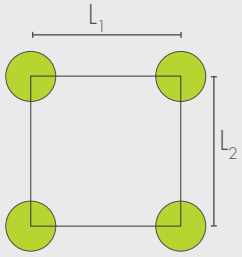
PIECE QUANTITY **ESTIMATE** CALCULATION - pcs/m²

The number of pedestals needed in an installation varies according to the type and dimensions of the tile used, static loads (ex. point load, like a vase of flowers) and dynamic loads (ex. pedestrian passage) which the pedestals must bear.

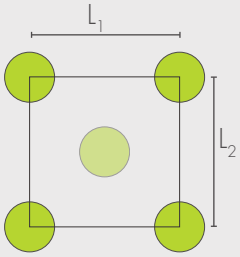
Profilitec recommends contacting the flooring manufacturer for information regarding the bearing capacity of a single tile.

Formulas for the calculation of the number of pedestals needed per square meter, considering tile with a thickness of 2 cm - 3/4". For thicker tiles, contact the Profilitec headquarters for the calculation of the correct load bearing capacity.

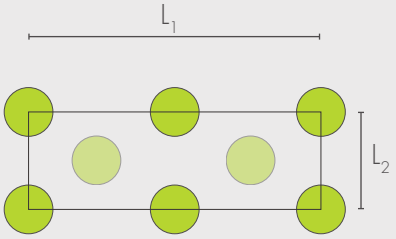
$(1 : L_1 : L_2) = pcs/m2$



$(1 : L_1 : L_2) \times 2 = pcs/m2$
with a central pedestal



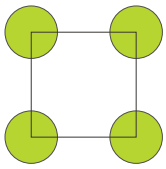
$(1 : L_1/2 : L_2) = pcs/m2$



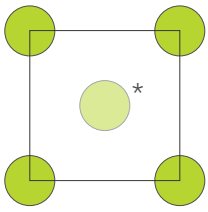
PLEASE NOTE: The formula does take into consideration perimeter pieces. For a precise calculation, add the number of pieces per square meter to half of the pieces resulting from the perimeter calculation.
We suggest contacting the Profilitec headquarters for atypical applications. The pedestals must be placed with a spacing no larger than 60 cm - 24" on center.

EXAMPLE OF **TILE INSTALLATION** DIAGRAMS

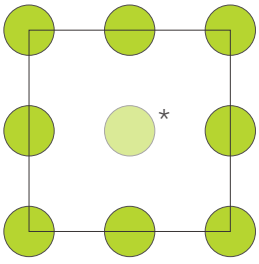
*add a central pedestal for installations in public places / in the presence of heavy loads or tall floor heights



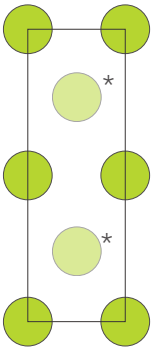
40x40 cm
16"x16"



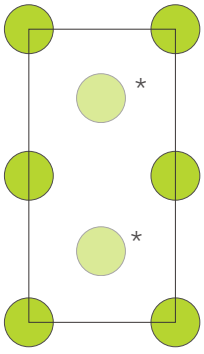
60x60 cm
24"x24"



80x80 cm
32"x32"



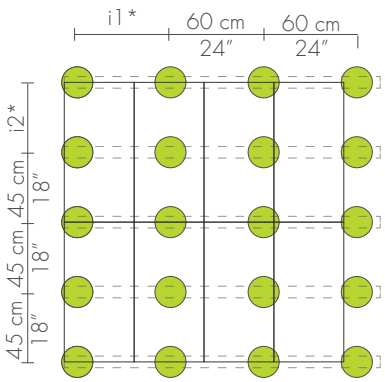
40x120 cm
16"x48"



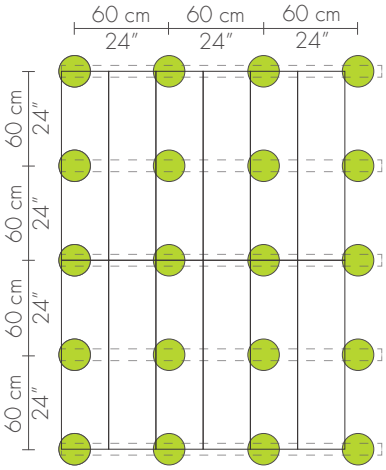
60x120 cm
24"x48"

EXAMPLE OF A **JOISTS INSTALLATION** DIAGRAM

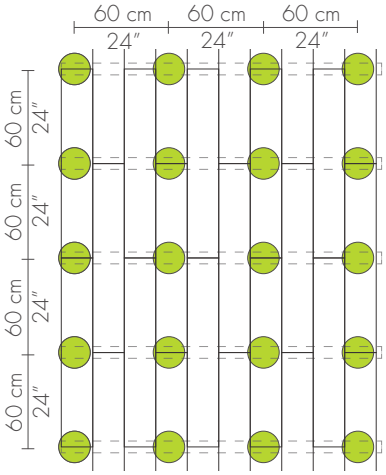
*substitute L1 and L2 in the formula with the center-to-center distance i1 and i2, hence: $(1 : i1 : i2) = pcs/m^2$



45x90 cm - 18"x36"



30x120 cm - 12"x48"



PRELIMINARY PROCEDURES

1. Make sure the material is in **perfect condition** before proceeding with the installation.

2. The minimum height is equal to **48 mm - 1-7/8"** (minimum SUPAL height = 28 mm - 1-3/32" + 20 mm 3/4" tile thickness.)

SUBSTRATE CHARACTERISTICS

3. The **surface** upon which the product is installed must be perfectly **clean**, without any trace of liquids, dirt or debris.

4. Place the pedestals on concrete, cement, EPDM, rubber, or directly on insulation materials. Always check the compressive strength of the bearing material.

5. Check that the installation surface follows the specifications indicated on the construction drawings and that there is an adequate drainage system present.

WARNINGS

6. Uptec must be used in environments with **pedestrian** traffic only.

7. Do **not cut more** than **2 consecutive sides** of the pedestals. If necessary, contact the Profilitec headquarters.

8. The **lateral movement** of the installation must not exceed 3 mm - 1/8".

9. For **heights exceeding 40 cm - 15-3/4"**, contact a specialized technician to confirm the bearing capacity.

10. When the installation is complete, check to make sure that the area is **free of danger**.

PRODUCT INSTALLATION GUIDELINES

11. The **maximum center-to-center** distance between pedestals must not exceed **60 cm - 24"**.

12. The installation must be entirely **closed** on all sides, be it by walls or by perimeter enclosure systems (clips or profiles).

13. Determine the **height of the pedestal** by subtracting the tile thickness from the final floor height.

14. Position the assembled **pedestals** at the **correct height** before installing the flooring.

15. After the placement of each tile, check the **floor alignment** by adjusting the height of the pedestals. We recommend using the SUPAK Adjustment Tool.

16. Use the **self-leveling** head: for flooring with even loads on the pedestals. Use the **fixed** head: for pedestals with uneven loads. (Ex. the perimeter of an installation with tiles cut to size.) The pedestal is locked by turning the locking disc on the head of the support.

PRODUCT CONDITIONS

17. Keep the material in the **original packaging**.

18. The material is delivered in cardboard boxes which must be kept in a clean, **dry environment** without exposure to rain or waste.

19. Protect the product from damage during installation. **Substitute** or repair any **damaged products** before proceeding with the installation.

20. Deliver, store and handle the product following the instructions described above.

INSTALLATION COMPONENTS

BASIC ELEMENTS

Choose one of the following elements based on the desired height:

- 1a SUPAL - 28÷43 mm - 1-3/32″ - 1-11/16″
- 1b SUPAS - 43÷58 mm - 1-11/16″ - 2-9/32″
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm 1-11/16″ - 2-9/32″ +1-3/16″
- 1d SUPAR120 - (optional)

Select one of the following tabs:

- 2a SUPA2 - 2 mm - 3/32″ tab
- 2b SUPA4 - 4 mm - 5/32″ tab

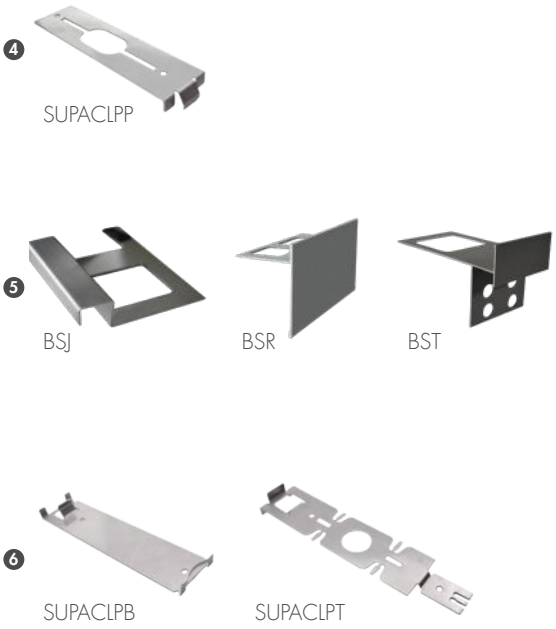
- 3 3-in-1 Adjustment tool

PERIMETER ACCESSORIES

- 4 Perimeter wall spacer clip

- 5 * Perimeter profiles

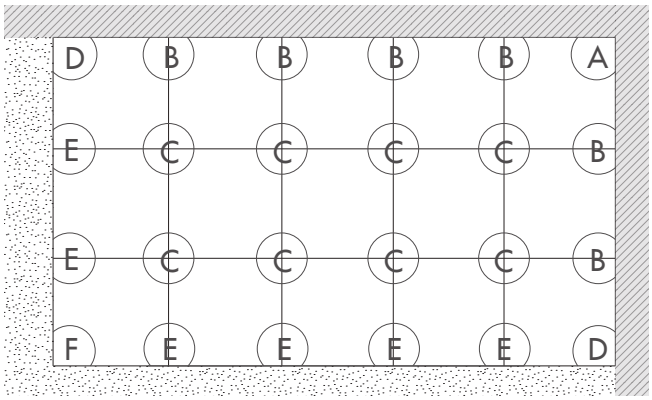
- 6 *Vertical edge clips - base and head



ADDITIONAL TOOLS NECESSARY

- 7 Hand saw
- 8 Measuring tape
- 9 Level

PEDESTAL PLACEMENT DIAGRAM



Example of an installation diagram for a rectangular terrace, open on two sides and enclosed by walls on two sides. The letters in the diagram indicate the type of pedestal. Pedestal installation instructions are described below. The installation must be **closed** on all sides by either walls or specific perimeter enclosing systems (clips or profiles).

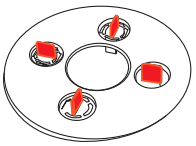
Example with 50x50 cm - 20"x20" tile; add a central pedestal for larger tile.

POSITIONING OF **CORNER** PEDESTALS

A 

1. Turn the base upside down and remove two sides along the marked lines.

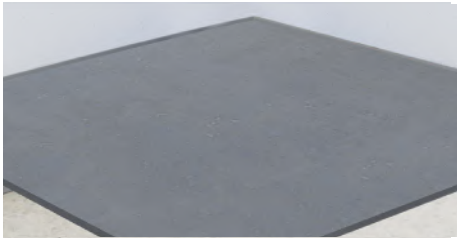
2. Assemble the pedestal and position it in the corner.



3. Remove the four tabs with the SUPAK tool.

4. Place a SUPACLPP spacer clip against the wall.

5. Place a second SUPACLPP spacer clip perpendicular to the first.



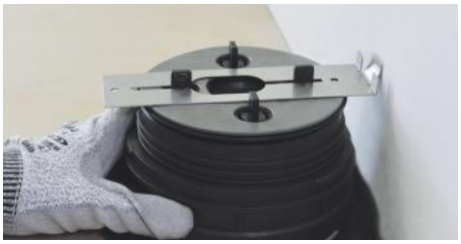
6. Position the tile.

POSITIONING OF **PERIMETER** PEDESTALS

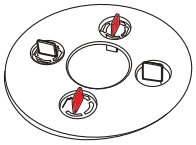
B 

7. Turn the base upside down and remove one of the sides along the marked line.

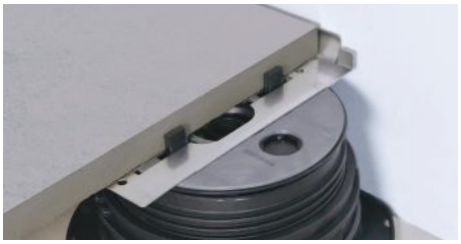
8. Assemble the pedestals and position them with the cut side towards the wall.



9. Insert a SUPACLPP spacer clip between the two tabs perpendicular to the wall.



10. Remove the four tabs with the SUPAK tool.



11. Position the tile.

12. Place the center of the pedestals at the same distance as the dimension of the tile. The spacing should not exceed 60 cm on center.

13. Position the tile.

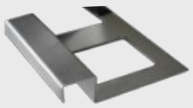
14. Place the corners of the tile between the tabs.

15. Position the other tiles.

16. Check to make sure that the flooring is leveled.

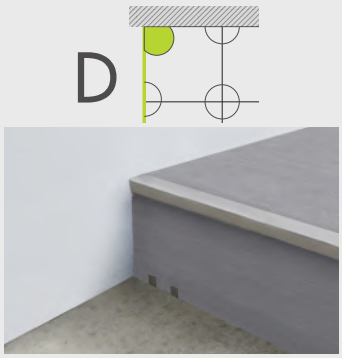
17. If it is not leveled, adjust the height with the SUPAK tool.

BSJ

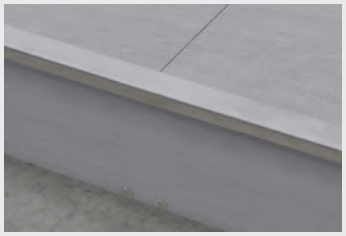


BSJ20IS

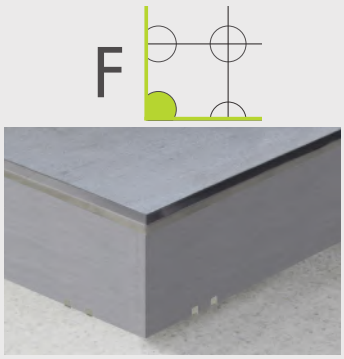
SUPACLPB + SUPACLPP



D



E



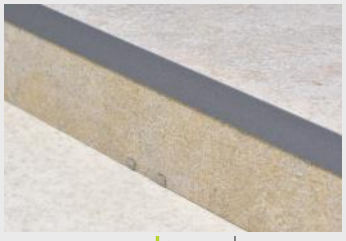
F

BST

BST20A50

SUPACLPB + SUPACLPP

D



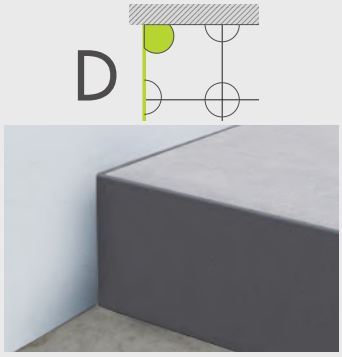
E

F

BSR

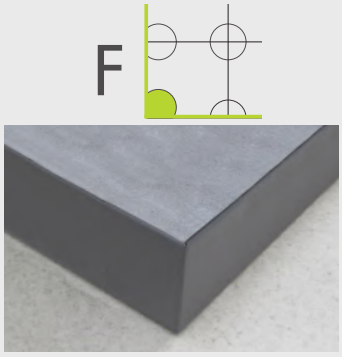
BSR20/100A50

SUPACLPP



D

E



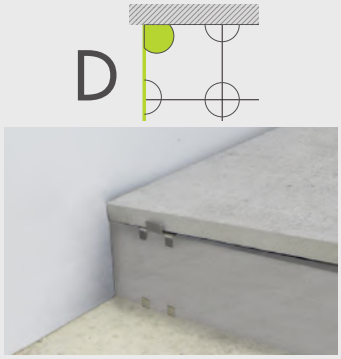
F

Clip

SUPACLPB

SUPACLPT

+ SUPACLPP



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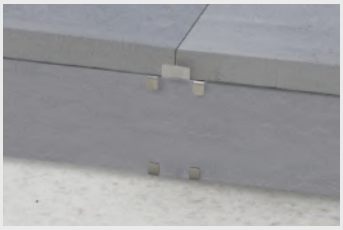
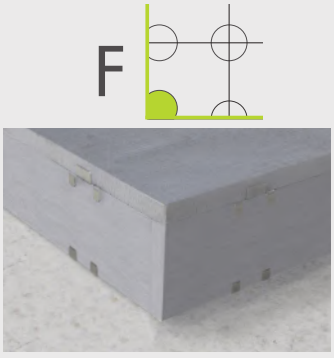
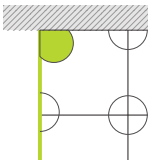


E



F

BSJ D



INSTALLATION OF BSJ PERIMETER CORNER PROFILE

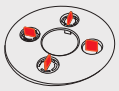
D1. Place the SUPACLPB clip under the pedestal base.

D2. Place the pedestal with one cut side against the wall and the other facing outwards.

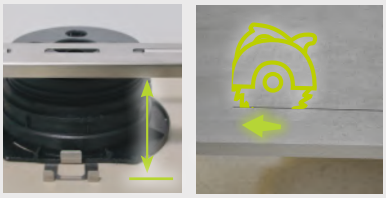
D3. Place the SUPACLPP spacer clip and the BSJ profile on the head of the pedestal.

N.B.

remove two of the base sides



remove the four tabs

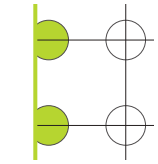


D4. Cut the tile. The dimension of the tile is equal to the distance between the BSJ profile and the SUPACLPB base clip.

D5. Wedge the cut tile between the BSJ profile and the SUPACLPB clip.

D6. Position the top tile.

BSJ E



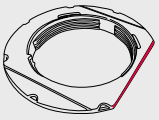
INSTALLATION OF **BSJ PERIMETER END PROFILE**

E1. Place the SUPACLPB clip under the pedestal base.

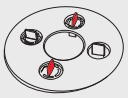
E2. Place the pedestal with the cut side facing outwards.

E3. Place the BSJ profile between the tabs on the head of the pedestal.

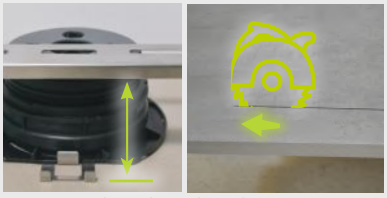
N.B.



remove one of the base sides



remove two tabs

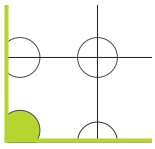


E4. Cut the tile. The dimension of the tile is equal to the distance between the BSJ profile and the SUPACLPB base clip.

E5. Wedge the cut tile between the BSJ profile and the SUPACLPB clip.

E6. Position the top tile.

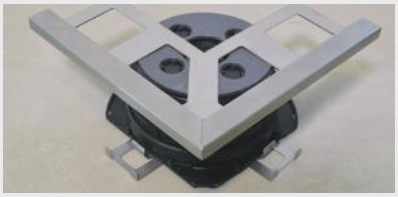
BSJ F



INSTALLATION OF **BSJ PERIMETER CORNER PROFILE**

F1. Place two SUPACLPB clips perpendicular to each other under the pedestal base.

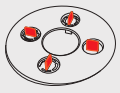
F2. Place the pedestal with the cut sides facing outwards.



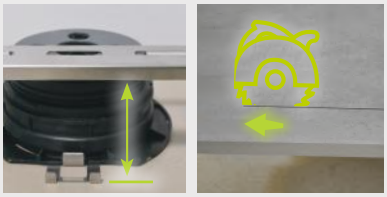
F3. Place external corner of the BSJE profile on the head of the pedestal and position it against the BSJ profile.

N.B.

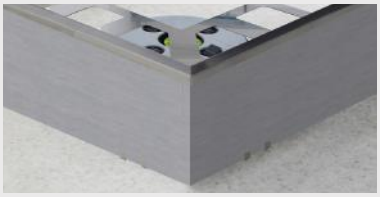
remove two of the base sides



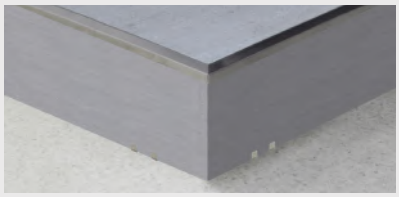
remove the four tabs



F4. Cut the tile. The dimension of the tile is equal to the distance between the BSJ profile and the SUPACLPB base clip.

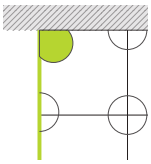


F5. Wedge the cut tile between the BSJ profile and the SUPACLPB clip.



F6. Position the top tile.

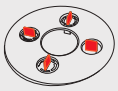
BST D



INSTALLATION OF BSJ PERIMETER CORNER PROFILE

N.B.

remove two of the base sides

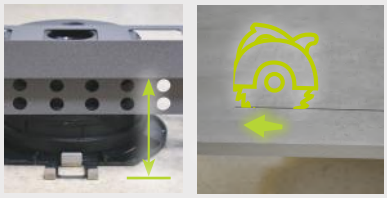


remove the four tabs

D1. Place the SUPACLPB clip under the pedestal base.

D2. Place the pedestal with one cut side against the wall and the other facing outwards.

D3. Place the SUPACLPP spacer clip and the BST profile on the head of the pedestal.

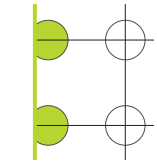


D4. Cut the tile. The dimension of the tile is equal to the distance between the BST profile and the SUPACLPB base clip.

D5. Wedge the cut tile between the BST profile and the SUPACLPB clip.

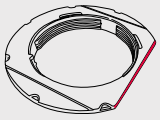
D6. Position the top tile.

BST E

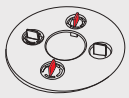


INSTALLATION OF **BSJ PERIMETER END PROFILE**

N.B.



remove one of the base sides

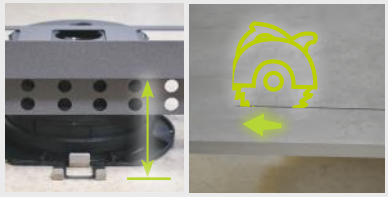


remove two tabs

E1. Place the SUPACLPB clip under the pedestal base.

E2. Place the pedestal with the cut side facing outwards.

E3. Place the BST profile between the tabs on the head of the pedestal.

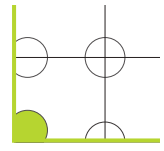


E4. Cut the tile. The dimension of the tile is equal to the distance between the BST profile and the SUPACLPB base clip.

E5. Wedge the cut tile between the BST profile and the SUPACLPB clip.

E6. Position the top tile.

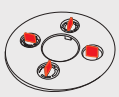
BST F



INSTALLATION OF **BSJ PERIMETER CORNER PROFILE**

N.B.

remove two of the base sides

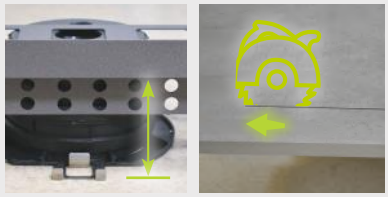


remove the four tabs

F1. Place two SUPACLPB clips perpendicular to each other under the pedestal base.

F2. Place the pedestal with the cut sides facing outwards.

F3. Place external corner of the BSTE profile on the head of the pedestal and position it against the BST profile.

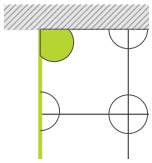


F4. Cut the tile. The dimension of the tile is equal to the distance between the BST profile and the SUPACLPB base clip.

F5. Wedge the cut tile between the BST profile and the SUPACLPB clip.

F6. Position the top tile.

BSR D



INSTALLATION OF **BSR PERIMETER CORNER PROFILE**

D1. Place the pedestal with one cut side against the wall and the other facing outwards.

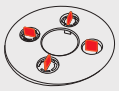
D2. Place the SUPACLPP spacer clip on the head of the pedestal.

D3. Place BSR profile on the head of the pedestal.

D4. Position the top tile.

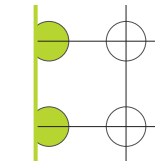
N.B.

remove two of the base sides

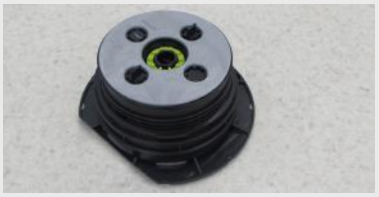


remove the four tabs

BSR E



INSTALLATION OF **BSR PERIMETER END PROFILE**



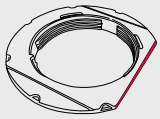
E1. Place the pedestal with the cut side facing outwards.

E2. Place the BSR profile between the tabs on the head of the pedestal.

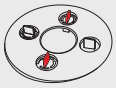
E3. Position the top tile.

E4. Position the top tile.

N.B.

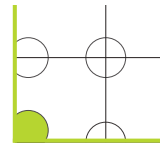


remove one of the base sides



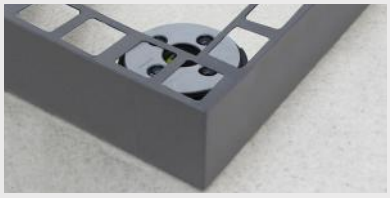
remove two tabs

BSR F

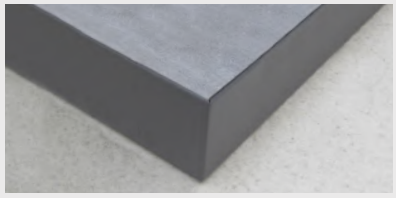


INSTALLATION OF **BSR PERIMETER CORNER PROFILE**

F1. Place the pedestal with the cut side facing outwards.



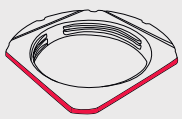
F2. Slide the BSRE joint profile along the BSR profile. Place the composed piece on the pedestal.



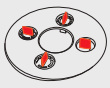
F3. Position the top tile.

BSR + BSRE joint.

N.B.



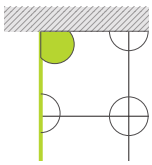
remove two of the base sides



remove the four tabs

EN

CLIP D



INSTALLATION OF **BASE-HEAD PERIMETER CORNER CLIPS**

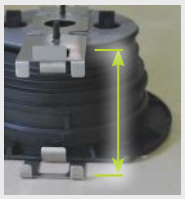
D1. Place the SUPACLPB clip under the pedestal base.

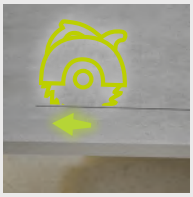
D2. Place the pedestal with one cut side against the wall and the other facing outwards.

D3. Place SUPACLPP spacer clip perpendicular. Place SUPACLPT.

N.B.

remove two of the base sides

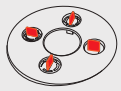




D4. Cut the tile. The dimension of the tile is equal to the distance between the SUPACLPT clip and the SUPACLPB clip.

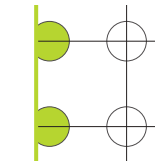
D5. Wedge the cut tile between the SUPACLPT clip and the SUPACLPB clip.

D6. Position the top tile.



remove the four tabs

CLIP E

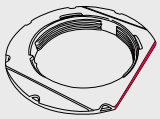


E1. Place the SUPACLPB clip under the pedestal base.

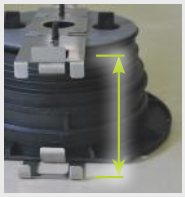
E2. Place the pedestal with the cut side facing outwards.

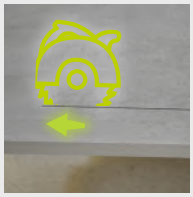
E3. Place the SUPACLPT clip between the two tabs on the head of the pedestal.

N.B.

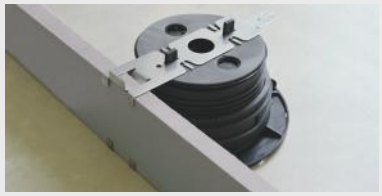


remove one of the base sides



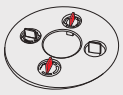


E4. Cut the tile. The dimension of the tile is equal to the distance between the SUPACLPT clip and the SUPACLPB clip.



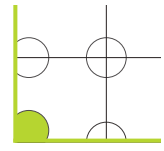
E5. Wedge the cut tile between the SUPACLPT clip and the SUPACLPB clip.

E6. Position the top tile.



remove two tabs

CLIP F



INSTALLATION OF **BASE-HEAD PERIMETER CORNER CLIPS**

F1. Place two SUPACLPB base clips perpendicular to each other under the pedestal base.

F2. Place the pedestal with the cut sides facing outwards.

F3. Place two SUPACLPT head clips perpendicular to each other on the head of the pedestal.

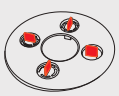
N.B.

remove two of the base sides

F4. Cut the tile. The dimension of the tile is equal to the distance between the SUPACLPT clip and the SUPACLPB clip.

F5. Wedge the cut tile between the SUPACLPT clip and the SUPACLPB clip.

F6. Position the top tile.



remove the four tabs

INSTALLATION COMPONENTS

BASIC ELEMENTS

Choose one of the following elements based on the desired height:

1a SUPAL - 28÷43 mm - 1-3/32″ - 1-11/16″

1b SUPAS - 43÷58 mm - 1-11/16″ - 2-9/32″

1c SUPAS + SUPAR - 43÷58 mm +30 mm
1-11/16″ - 2-9/32″ +1-3/16″

1d SUPAR120 - (optional)

2 SUPA4 - 4 mm - 5/32″ tab

3 Aluminum joists L = 2.40 m - 7-7/8″

4 3-in-1 Adjustment tool

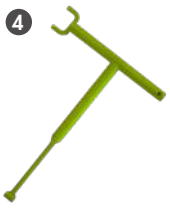

SUPAL


SUPAR120 - (optional)


SUPAS


SUPAS + SUPAR


SUPA4


SUPAK


SUPAANG240

ACCESSORIES

5 Perimeter wall spacer clip

6 Vertical edge clip - head

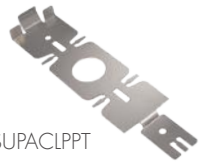
7 Perimeter tile spacer - Joist

8 Tile spacer (4 mm - 5/32″ thickness)

9 Joist junction


SUPACLPP


SUPACLPT


SUPACLPPT


SUPDG


SUPAJG

ADDITIONAL TOOLS NECESSARY

10 Hand saw

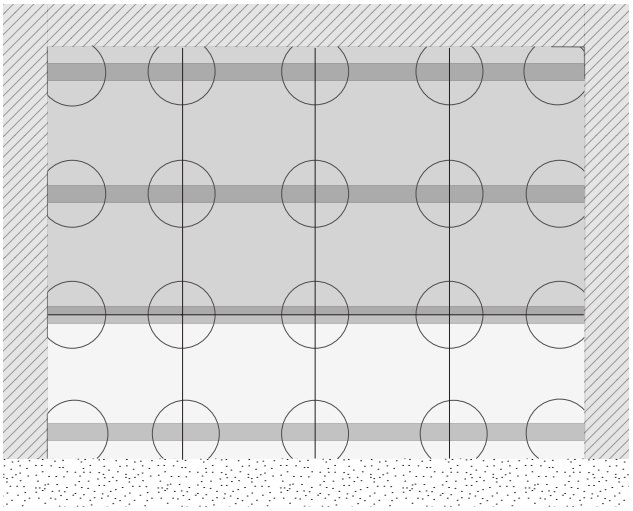
11 Measuring tape

12 Level

13 Cutter

PEDESTAL PLACEMENT DIAGRAM

EN



Installation diagram for a rectangular terrace enclosed on two sides. The letter specified indicates the type of pedestal, of which the installation process will be explained below.

The installation must be **closed** on all sides by either walls or specific perimeter enclosing systems (clips).

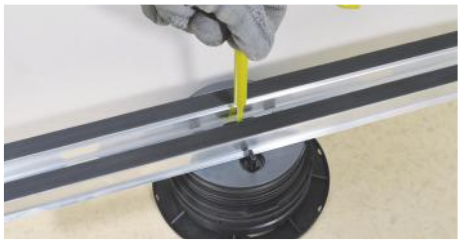
For lengths longer than 2.40 m - 7-7/8", place several joists together lengthwise, keeping a distance of 5 mm - 3/16" between the end of one joist and the beginning of the next or connect with the appropriate SUPAJG junction.

Keep a maximum center-to-center distance of 50 or 60 cm 20" or 24"between pedestals, depending on the length of the joist.

1. Turn the base upside down and remove two sides along the marked lines.

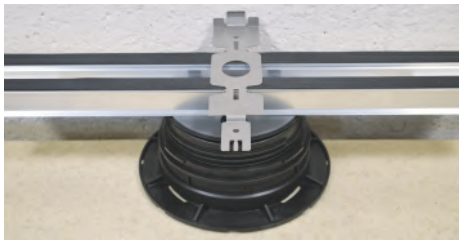
2. Place the pedestals against the wall.

3. Insert the SUPAANG joist between the tabs of the pedestals.



4. Level the pedestals with the SUPAK key to obtain a flat surface.

5. Corner - Place SUPACLPPT spacer clips perpendicular and parallel to the joist and up against the wall.



6. Perimeter - Place the SUPACLPPT spacer clip perpendicular to the joist and up against the wall.

7. Place the remaining pedestals.

8. Place the following joist, distanced from the wall, with the SUPACLPPT clip.

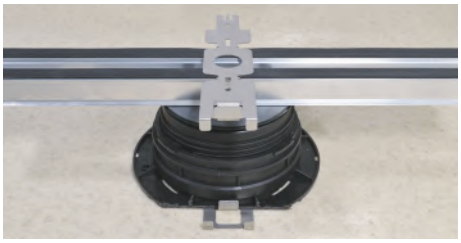
9. Complete the installation in the whole area.

CLOSING THE OPEN EDGE

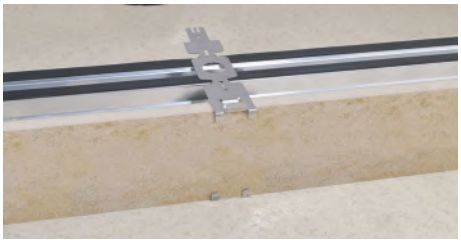
10. Place the SUPACLPB clip under the pedestal base.

11. Place the support with a cut side up against the wall and the other cut side facing out.

12. Edge - Place the SUPAANG joist. Then place the spacer clip SUPACLPPT parallel and the closing clip SUPACLPT perpendicular to the joist.



13. Perimeter - Place the closing clip SUPACLPT perpendicular to the joist.



14. Wedge the cut tile between the SUPACLPT clip and the SUPACLPB clip.

15. Complete the installation.

INSTALLING **TILES** WITH **SPACERS** ON JOISTS - (staggered tiles)

16. Insert the the SUPDG spacers in the slot on the joists, so as to keep the same distance between the tiles.

17. Install the rest of the tile.

INSTALLING **TILES** WITH **SPACERS** ON JOISTS - (straight tiles)

16. Insert the SUPDG spacers (removing unnecessary tabs) into the slot on the joist where the staggered tile of the next row will be installed.

17. Install the rest of the tile.

CLOSING WITH THE BSJ PROFILE

After positioning the pedestal and the clips, place the BSJ profile.

Wedge the cut tile between the BSJ profile and the SUPACLPB clip.

Position the top tile.

CLOSING WITH THE BST PROFILE

After positioning the pedestal and the clips, place the BST profile.

Wedge the cut tile between the BST profile and the SUPACLPB clip.

Position the top tile.

CLOSING WITH THE BSR PROFILE

After positioning the pedestal and the SUPACLPPT clip, place the BSR profile.

Position the top tile.

INSTALLATION COMPONENTS

BASIC ELEMENTS

Choose one of the following elements based on the desired height:

- 1a SUPAL - 28÷43 mm - 1-3/32" - 1-11/16"
- 1b SUPAS - 43÷58 mm - 1-11/16" - 2-9/32"
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm 1-11/16" - 2-9/32" +1-3/16"
- 1d SUPAR120 - (optional)
- 2 SUPA4 - 4 mm - 5/32" tab
- 3 Aluminum joists L = 2.40 m - 6' 7"
- 4 3-in-1 Adjustment tool


1a SUPAL


1d SUPAR120 - (optional)


1b SUPAS


1c SUPAS + SUPAR


2 SUPA4


4 SUPAK


3 SUPAANG240

PERIMETER ACCESSORIES

- 5 Clips for holding the boards
- 6 Joist junction


5 SUPCLIPG


6 SUPAJG

ADDITIONAL TOOLS NECESSARY

- 7 Hand saw
- 8 Measuring tape
- 9 Level
- 10 Screwdriver
- 11 Screws for Aluminum


7

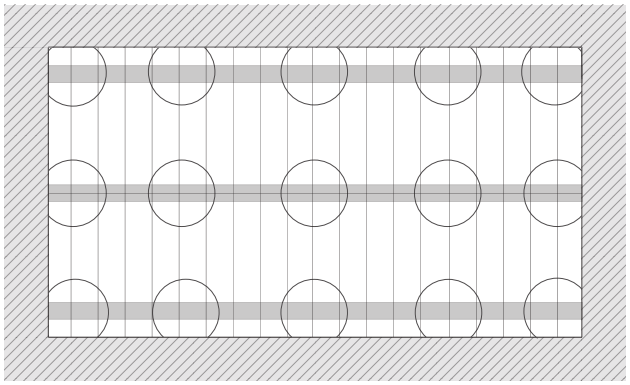

8


9


10


11

PEDESTAL PLACEMENT DIAGRAM



Installation diagram of a rectangular terrace closed on four sides. The letter specified indicates the type of pedestal, of which the installation process will be explained below.

The installation must be **closed** on all sides.

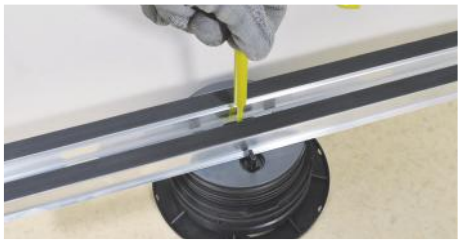
For lengths longer than 2 m - 6'7", place several joists together lengthwise, keeping a distance of 5 mm - 3/16" between the end of one joist and the beginning of the next.

Maintain a maximum center-to-center distance of 50 or 60 cm - 20" or 24" between pedestals, depending on the length of the joist.

1. Turn the base upside down and remove two sides along the marked lines.

2. Place the pedestals against the wall.

3. Insert the SUPAANG joist between the tabs of the pedestals.



4. Level the pedestals with the SUPAK key to obtain a flat surface.

5. Insert the clip horizontally and then rotate it 90° to lock it in.

6. Bring the SUPCLIPG clip closer to the wall.

7. Secure the clip to the joist.

8. Position the wooden lath by inserting its slot into the clip.

9. Position a SUPCLIPG clip to block the board.

10. Position the next SUPCLIPG clips.

11. Position all the wood boards.

Please note: *If the decking is installed diagonal to the joists, the clip can be rotated up to 40° in both directions.*

INSTALLATION COMPONENTS

BASIC ELEMENTS

Choose one of the following elements based on the desired height:

- 1a SUPAL - 28÷43 mm - 1-3/32" - 1-11/16"
- 1b SUPAS - 43÷58 mm - 1-11/16" - 2-9/32"
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm 1-11/16" - 2-9/32" +1-3/16"
- 1d SUPAR120 - (optional)
- 2 SUPAW - tab for wood joists
- 3 3-in-1 Adjustment tool


1a SUPAL


1d SUPAR120 - (optional)


1b SUPAS


1c SUPAS + SUPAR


2 SUPAW


3 SUPAK

ADDITIONAL TOOLS NECESSARY

- 4 Wood joists

- 5 Hand saw

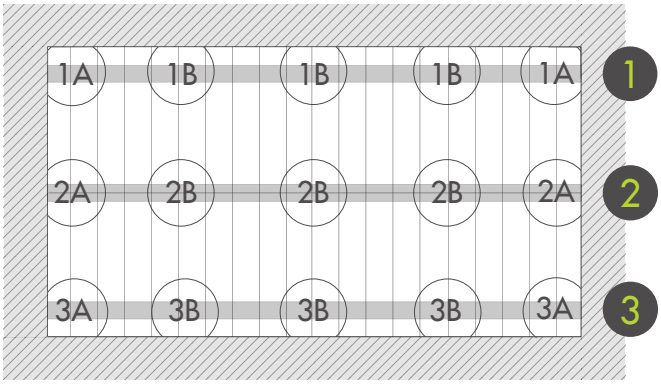
- 6 Measuring tape

- 7 Level

- 8 Screwdriver

- 9 Screws for wood

PEDESTAL PLACEMENT DIAGRAM



Installation diagram of a rectangular terrace closed on four sides. The letter specified indicates the type of pedestal, of which the installation process will be explained below.

The installation must be **closed** on all sides.

When placing several joists together lengthwise, keep a distance of 5 mm between the end of one joist and the beginning of the next.

Fasten the wood joists to the SUPAW tabs alternating between left and right, in order to compensate material movement or shifting.

1 CONFIGURATION

POSITIONING **WALL CORNER** PEDESTALS

1. Turn the base upside down and remove two sides along the marked lines.

2. Assemble the pedestal and position the two cut sides in the corner.

POSITIONING **WALL PERIMETER** PEDESTALS

3. Turn the base upside down and remove one of the sides along the marked line.

4. Assemble the pedestal and position it with the cut side towards the wall.

POSITIONING **WOOD JOIST 1**

5. Position the wood joist on the SUPAW tab.

6. Screw the wood joist to the pedestal through the specific slots (use a screwdriver).

7. Check to make sure that the wood joists are firmly attached to each pedestal.

2 CONFIGURATION

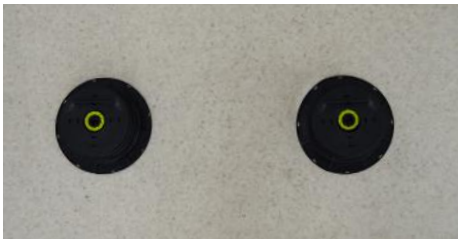
POSITIONING **PERIMETER WALL** PEDESTALS 2A

8. Turn the base upside down and remove one of the sides along the marked line.

9. Assemble the pedestal and position it with the cut side towards the wall.

POSITIONING **CENTRAL** PEDESTALS 2B

10. Assemble the pedestal and place it on the floor.



11. Maximum center-to-center distance between pedestals: 60 cm - 24".

POSITIONING **WOOD JOIST 2**

12. Position the wood joist on the SUPAVV tab.

13. Screw the wood joist to the pedestal through the specific slots (use a screwdriver).

14. Check to make sure that the wood joists are firmly attached to each pedestal.

3 CONFIGURATION

POSITIONING **WALL CORNER** PEDESTALS 3A

15. Turn the base upside down and remove two sides along the marked lines.

16. Assemble the pedestal and position the two cut sides in the corner.

POSITIONING **PERIMETER** PEDESTALS

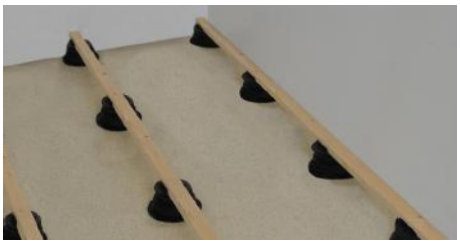
17. Turn the base upside down and remove one of the sides along the marked line.

18. Assemble the pedestal and position it with the cut side towards the wall.

POSITIONING **WOOD JOIST 3**

19. Position the wood joist on the SUPAW tab.

20. Screw the wood joist to the pedestal through the specific slots (use a screwdriver).



21. Check to make sure that the wood joists are firmly attached to each pedestal.

INSTALLING **WOOD** BOARDS ON JOISTS WITH **SCREWS**

22. Check to make sure that the installation is leveled.

23. Place the first wood board against the wall.

24. Screw the wood board to the underlying joist with a screwdriver.

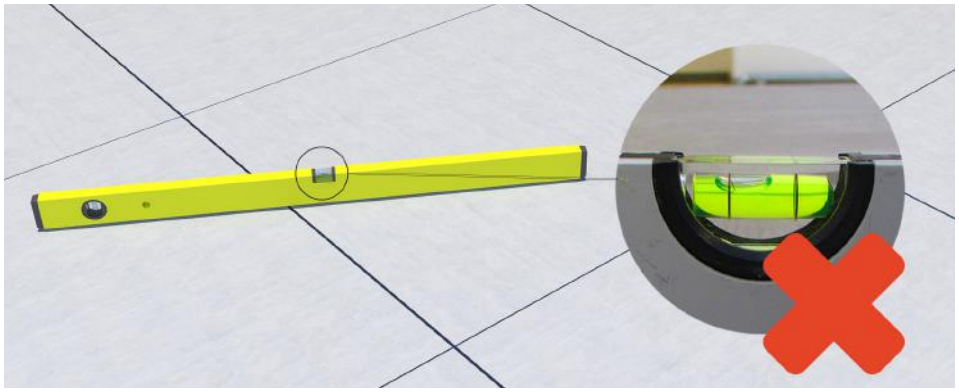
25. Position the first row of wood boards, screwing them to the underlying joists.

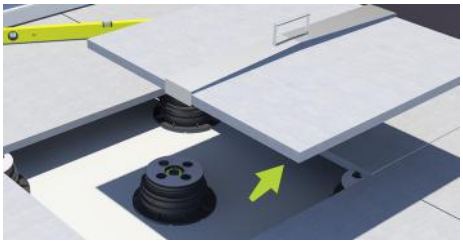
26. Install the remaining boards.

***Please note**: The boards can also be attached to the joists with hammer and nails.*

A. SPECIAL CASE - ADJUSTING CENTRAL PEDESTALS

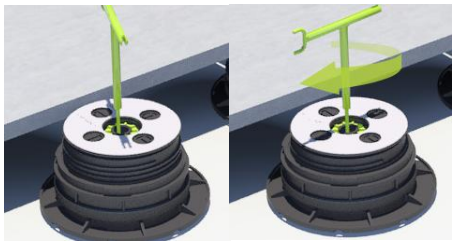
If installed tiles are unleveled, the height of the pedestals can be adjusted by removing one tile and checking the central pedestal.





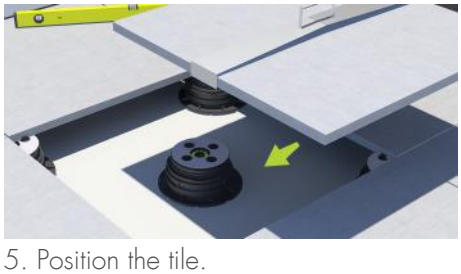
1. Remove the unleveled tile.

2. Place the pedestal at the level of the adjacent tiles in order to correctly modify the height.

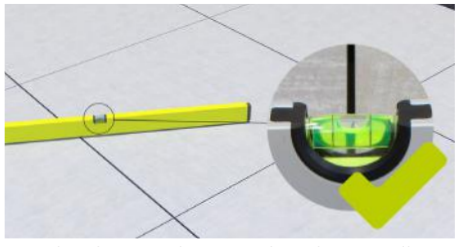


3. Use the SUPAK Adjustment Tool to change the height of the pedestal.

4. Once the height has been corrected, place the pedestal at the center of the tile again.

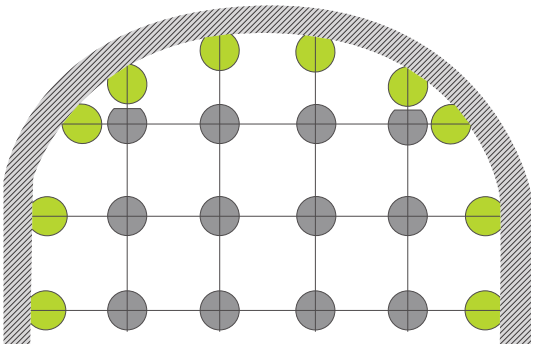


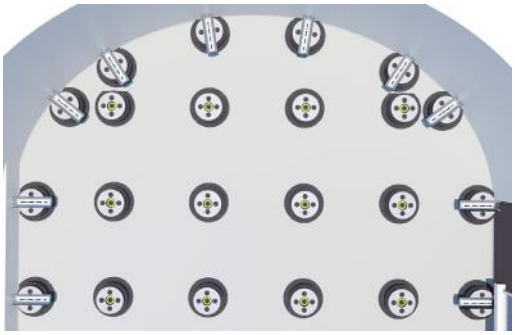
5. Position the tile.



6. Check to make sure that the installation is leveled.

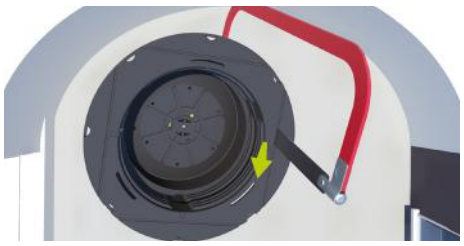
B. SPECIAL CASE – CURVED WALL





We suggest making a layout diagram before starting the installation.

It is important to make sure that the tiles cut along the wall sit firmly on all corners.

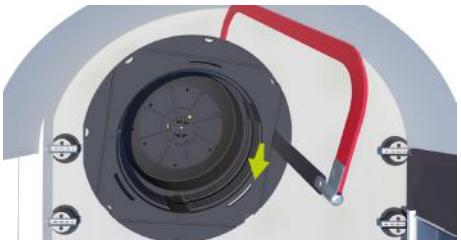


1. Cut one side of the pedestal.

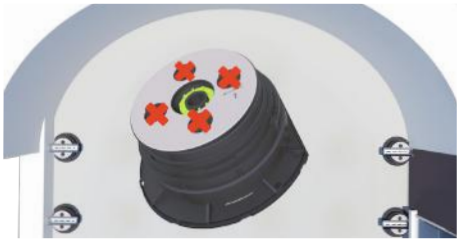
2. Remove the two tabs parallel to the cut on the base.

3. Place the SUPACLPP perpendicular to the wall.

4. Place the pedestals in the positions indicated on the layout diagram.



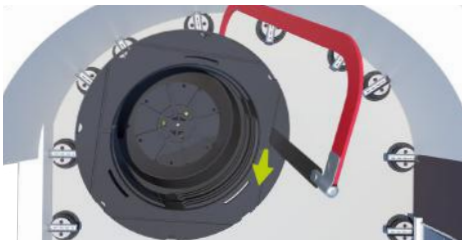
5. Cut one side of the pedestal.



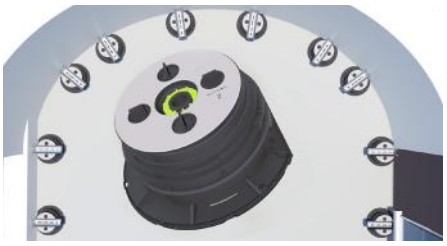
6. Remove all tabs on the head.

7. Place the SUPACLPP perpendicular to the wall.

8. Place the pedestals on the positions indicated in the layout diagram.



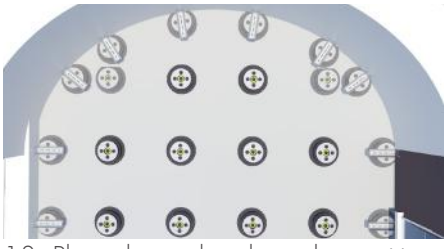
9. Cut one side of the pedestal.



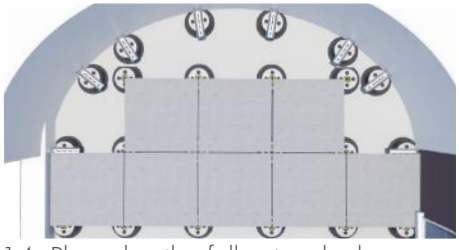
10. Keep all four tabs.

11. Place the pedestals on the positions indicated in the layout diagram.

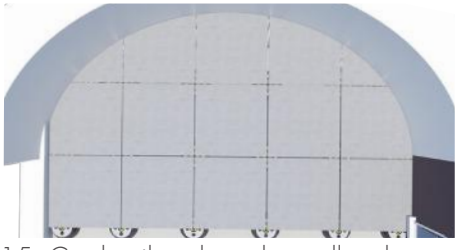
12. Keep the entire pedestal intact.



13. Place the pedestals on the positions indicated in the layout diagram.



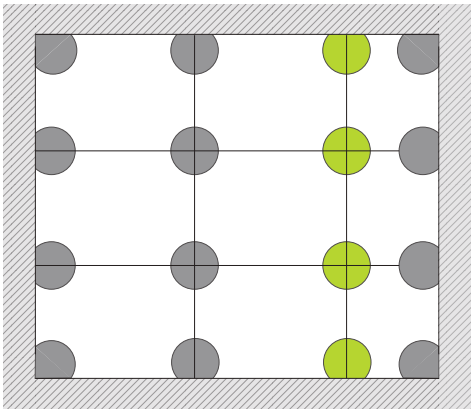
14. Place the tiles following the layout diagram.

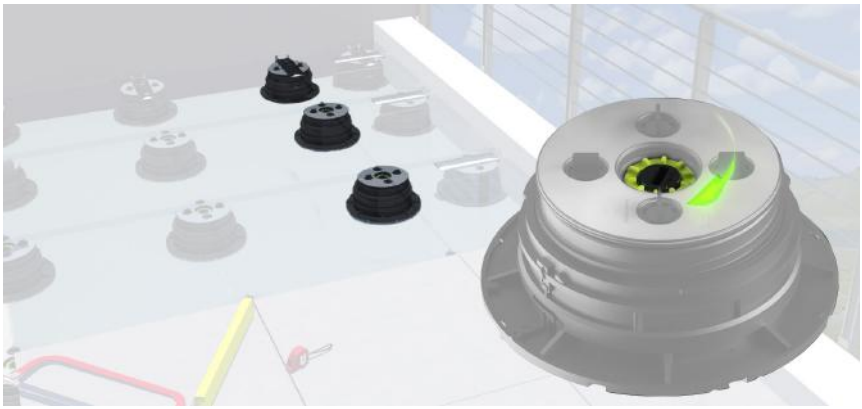


15. Cut the tiles along the wall to the correct shape and install them following the layout diagram.

C. SPECIAL CASE – UNEQUAL LOAD

Use a fixed head only on the pedestals on which there is an unequal load.
Example: a terrace closed on all four sides and installed with 60x60 cm - 24"x24" tile. If the last row of tile must be cut to size, the pedestals which simultaneously support the 60x60 (24"x24") tiles and the cut tiles must be assembled with a fixed head.



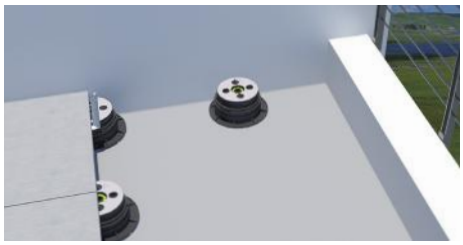


PLEASE NOTE: If the flooring is sloped, use SUPL2 or SUPL3 discs for the fixed head pedestals.

SUPL2
2 mm - 3/32"
thickness

SUPL3
3 mm - 1/8"
thickness

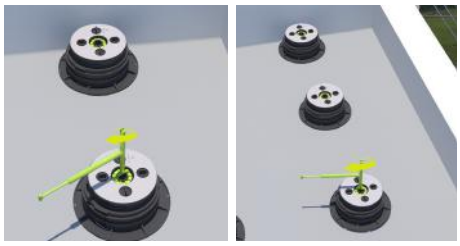
1. Cut one side of the pedestal.



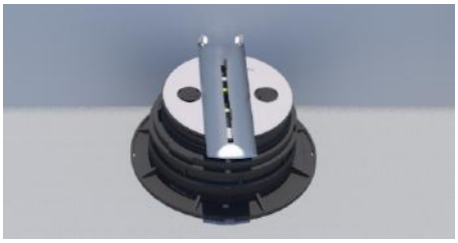
2. Place the pedestal with the cut side against the wall.

3. Remove the two tabs parallel to the wall.

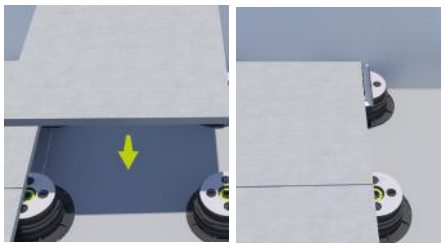
4. Lock the pedestal in 'fixed head' mode by turning the Locking Disc clockwise.



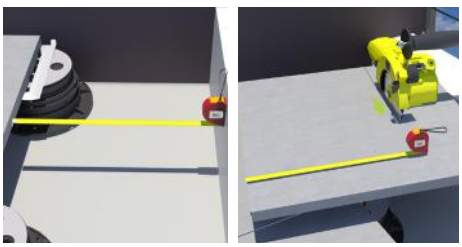
5. Position the rest of the pedestals, attaching the head by turning the Locking Disc.



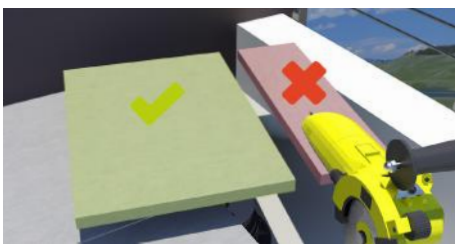
6. Position the SUPACLPP clip.



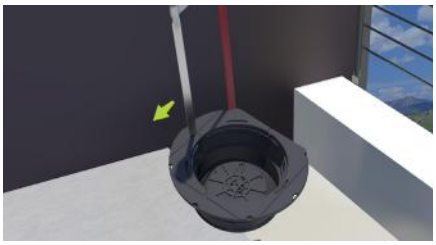
7. Install the tile.



8. Measure the remaining distance.

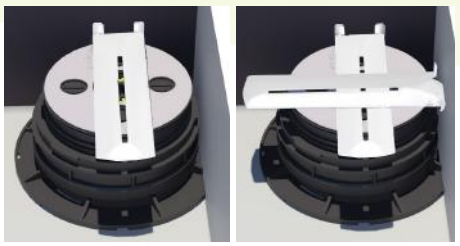


9. Cut the tile.

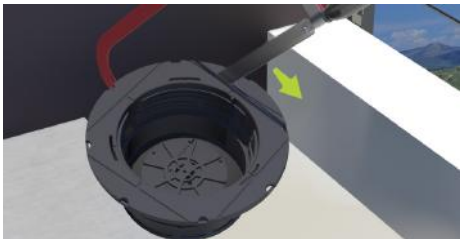


10. Cut two sides of the pedestal.

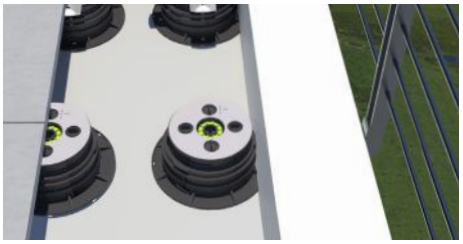
11. Place the pedestal in the corner and remove all 4 tabs.



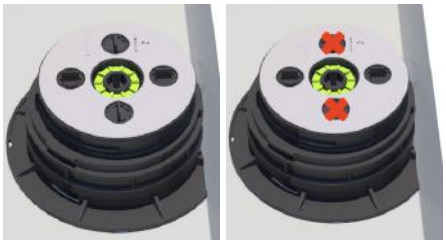
12. Place two SUPACLPP spacer clips perpendicular to each other.



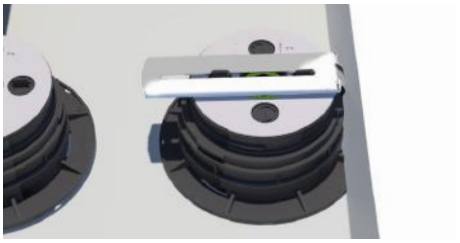
13. Cut one side of the pedestal.



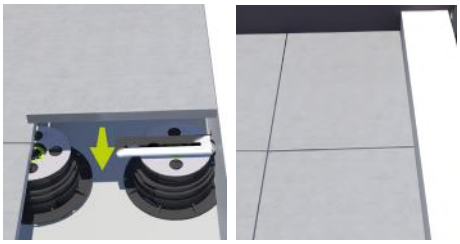
14. Position the pedestal with the cut side against the wall.



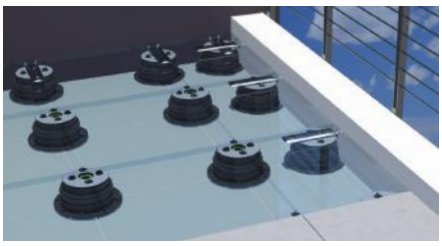
15. Remove the two tabs parallel to the wall.



16. Position the SUPACLPP spacer clip.



17. Position the tile.

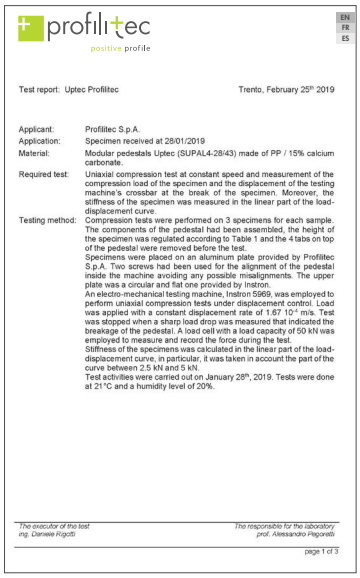


18. Pedestal layout diagram.

Testing carried out by the Industrial Engineering Department of the University of Trento.

The table below shows the breaking load results obtained by testing the pedestals in various conditions: with a self-leveling or fixed head, with a flat or inclined support surface, and in various temperatures and load application speeds.

Model	Height		Head	Surface	Temperature		Speed		Breaking load	
	mm	in			°C	°F	mm/min	in/min	kN	lbF
SUPAL-28/43	43	1-11/16	FIXED	HORIZONTAL	21	69.8	10	3/8	15.58 ± 0.54	3502.52 ± 121.4
SUPAL-28/43	43	1-11/16	SELF-LEVELING	INCLINED	21	69.8	10	3/8	13.93 ± 0.24	3131.59 ± 211
SUPAS-58/88	88	3-15/32	FIXED	HORIZONTAL	21	69.8	100	4	14.48 ± 0.89	3255.23 ± 200
SUPAS-508/538	538	21-3/16	SELF-LEVELING	INCLINED	21	69.8	100	4	13.67 ± 0.90	3073.14 ± 202.33
SUPAS-58/88	88	3-15/32	FIXED	HORIZONTAL	-20	-4	100	4	21.86 ± 0.97	4914.32 ± 218.06
SUPAS-58/88	88	3-15/32	FIXED	HORIZONTAL	80	176	100	4	5.31 ± 0.48	1193.74 ± 107.91


profilitec
positive profile

Test report: Uptec Profilitec — Trento, February 25th 2019

Applicant: Profilitec S.p.A.
Application: Specimen received at 28/01/2019
Material: Modular pedestals Uptec (SUPAL4-28/43) made of PP / 15% calcium carbonate.
Required test: Uniaxial compression test at constant speed and measurement of the compression load of the specimen and the displacement of the testing machine's crossbar at the break of the specimen. Moreover, the stiffness of the specimen was measured in the linear part of the load-displacement curve.
Testing method: Compression tests were performed on 3 specimens for each sample. The components of the pedestal had been assembled, the height of the specimen was regulated according to Table 1 and the 4 tabs on top of the pedestal were removed before the test.
Specimens were placed on an aluminum plate provided by Profilitec S.p.A. Two screws had been used for the alignment of the pedestal inside the machine avoiding any possible misalignments. The upper plate was a circular and flat one provided by Instron.
An electro-mechanical testing machine, Instron 5969, was employed to perform uniaxial compression tests under displacement control. Load was applied with a constant displacement rate of 1.67 10⁻² m/s. Test was stopped when a sharp load drop was measured that indicated the breakage of the pedestal. A load cell with a load capacity of 50 kN was employed to measure and record the force during the test.
Stiffness of the specimens was calculated in the linear part of the load-displacement curve, in particular, it was taken in account the part of the curve between 2.5 kN and 5 kN.
Test activities were carried out on January 28th, 2019. Tests were done at 21°C and a humidity level of 20%.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 1 of 3

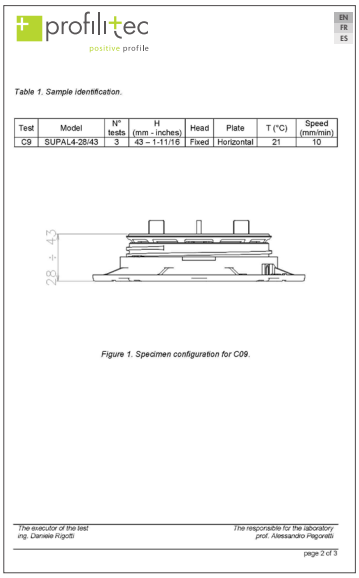

profilitec
positive profile

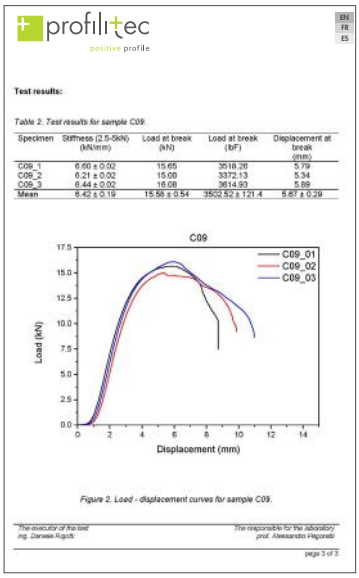
Table 1. Sample identification.

Test	Model	N° tests	H (mm - inches)	Head	Plate	T (°C)	Speed (mm/min)
C9	SUPAL4-28/43	3	43 – 1-11/16	Fixed	Horizontal	21	10

Figure 1. Specimen configuration for C09.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 2 of 3


profilitec
positive profile

Test results:

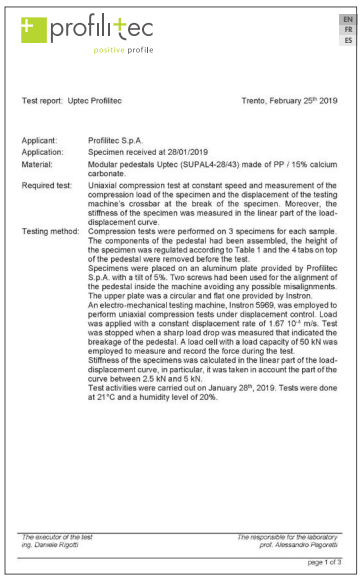
Table 2. Test results for sample C09.

Specimen	Stiffness (2.5-5kN) (kN/mm)	Load at break (kN)	Load at break (lbF)	Displacement at break (mm)
C09_1	6.60 ± 0.02	15.65	3518.26	5.79
C09_2	6.21 ± 0.02	15.08	3372.13	5.54
C09_3	6.44 ± 0.02	16.08	3614.93	5.89
Mean	6.42 ± 0.19	15.58 ± 0.54	3502.52 ± 121.4	5.67 ± 0.29

Figure 2. Load - displacement curves for sample C09.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 3 of 3


profilitec
positive profile

Test report: Uptec Profilitec — Trento, February 25th 2019

Applicant: Profilitec S.p.A.
Application: Specimen received at 28/01/2019
Material: Modular pedestals Uptec (SUPAL4-28/43) made of PP / 15% calcium carbonate.
Required test: Uniaxial compression test at constant speed and measurement of the compression load of the specimen and the displacement of the testing machine's crossbar at the break of the specimen. Moreover, the stiffness of the specimen was measured in the linear part of the load-displacement curve.
Testing method: Compression tests were performed on 3 specimens for each sample. The components of the pedestal had been assembled, the height of the specimen was regulated according to Table 1 and the 4 tabs on top of the pedestal were removed before the test.
Specimens were placed on an aluminum plate provided by Profilitec S.p.A. with a tilt of 5%. Two screws had been used for the alignment of the pedestal inside the machine avoiding any possible misalignments. The upper plate was a circular and flat one provided by Instron.
An electro-mechanical testing machine, Instron 5969, was employed to perform uniaxial compression tests under displacement control. Load was applied with a constant displacement rate of 1.67 10⁻² m/s. Test was stopped when a sharp load drop was measured that indicated the breakage of the pedestal. A load cell with a load capacity of 50 kN was employed to measure and record the force during the test.
Stiffness of the specimens was calculated in the linear part of the load-displacement curve, in particular, it was taken in account the part of the curve between 2.5 kN and 5 kN.
Test activities were carried out on January 28th, 2019. Tests were done at 21°C and a humidity level of 20%.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 1 of 3

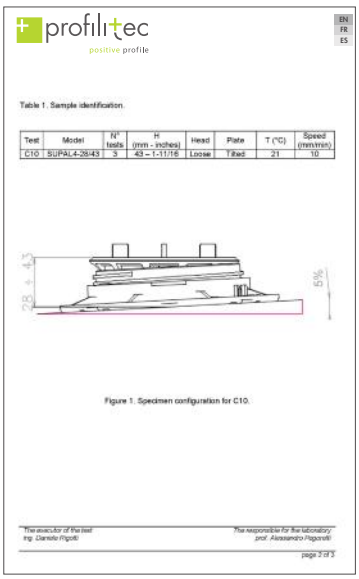

profilitec
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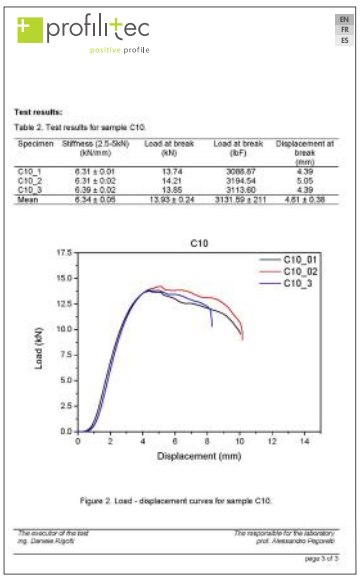
Table 1. Sample identification.

Test	Model	N° tests	H (mm - inches)	Head	Plate	T (°C)	Speed (mm/min)
C10	SUPAL4-28/43	3	43 – 1-11/16	Loose	Tilted	21	10

Figure 1. Specimen configuration for C10.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 2 of 3


profilitec
positive profile

Test results:

Table 2. Test results for sample C10.

Specimen	Stiffness (2.5-5kN) (kN/mm)	Load at break (kN)	Load at break (lbF)	Displacement at break (mm)
C10_1	6.31 ± 0.01	13.74	3088.67	4.39
C10_2	6.31 ± 0.02	14.21	3194.54	5.05
C10_3	6.39 ± 0.02	13.85	3113.60	4.39
Mean	6.34 ± 0.09	13.93 ± 0.24	3131.59 ± 211	4.61 ± 0.38

Figure 2. Load - displacement curves for sample C10.

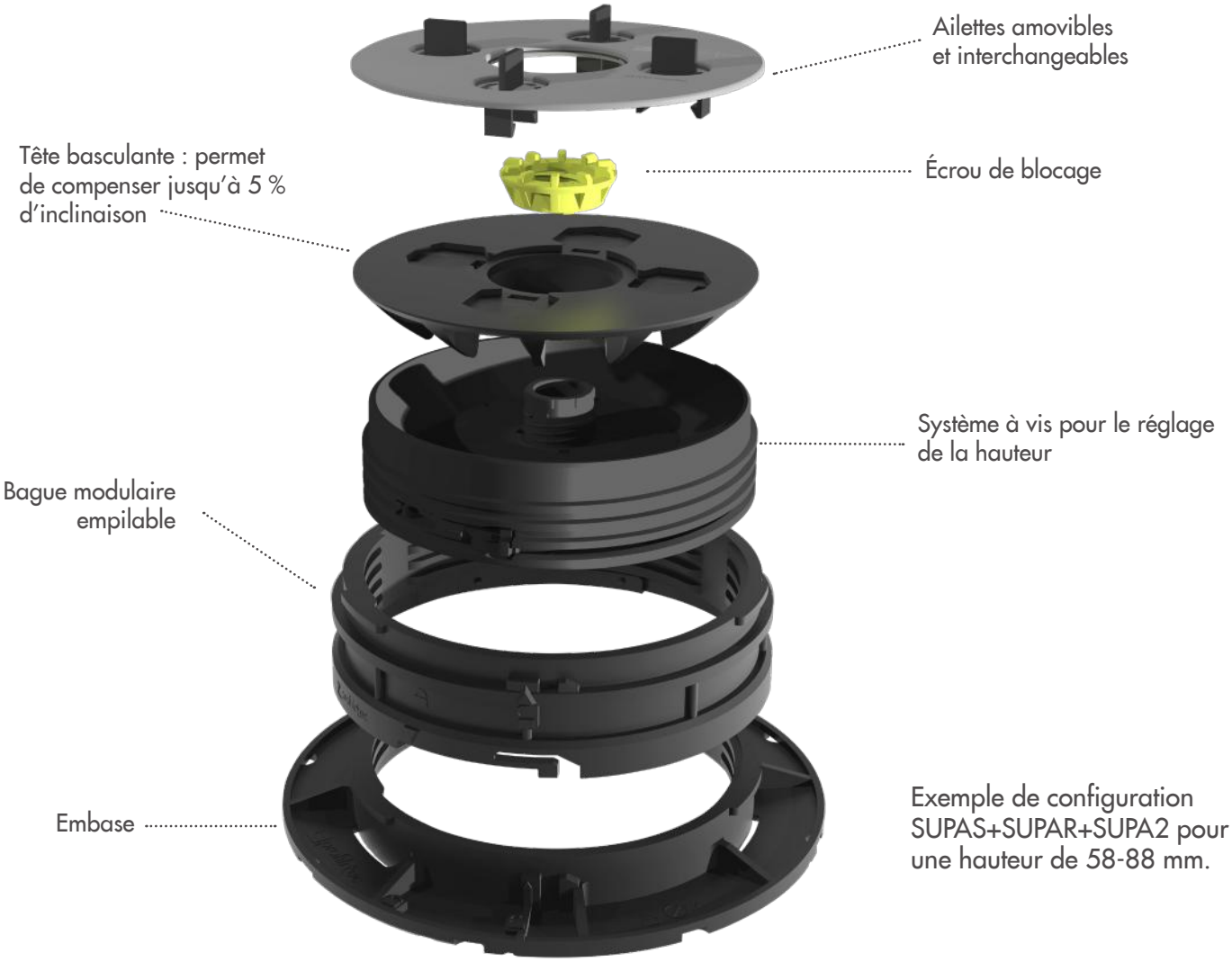
The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 3 of 3

uptec® Manual

FR

Uptec est un support universel réglable pour la réalisation de sols surélevés pour l'extérieur, particulièrement adapté à la pose de carreaux de céramique de 2 cm - 3/4" d'épaisseur. Uptec lance une vraie révolution «**3 en 1**» : 3 articles (3 références: **SUPAL, SUPAS** et **SUPAR**) en un seul et même système. Aux 3 produits viennent s'ajouter 3 accessoires (3 références: **SUPA2, SUPA4** et **SUPAW**) pour les installations standard (avec des joints de 2 - 3/32" et 4 mm - 5/3") ou pour des liteaux en bois ou des traverses en aluminium. Les accessoires sont interchangeables et en caoutchouc pour garantir un système antibruit et antidérapant. Uptec permet d'atteindre la hauteur souhaitée en ajoutant simplement les anneaux **SUPAR** et de passer du système à tête autonivelante au système à tête fixe grâce à l'écrou de blocage innovant.



Exemple de configuration SUPAS+SUPAR+SUPA2 pour une hauteur de 58-88 mm.

3 in 1

Un système 3 en 1 innovant pour la réalisation de hauteurs différentes avec un seul et unique produit.

SUPAR

Insérer ou retirer la bague SUPAR pour modifier la hauteur du support.

Auto-nivelant

Fixe

Mécanisme simple pour le passage de la tête autonivelante à la tête fixe.

3 PRODUITS

SUPAL
Plot minimum

28÷43 mm
1-3/32"÷1-11/16"

SUPAS
Plot standard

43÷58 mm
1-11/16"÷2-9/32"

SUPAR
Anneau pour plot

+ 30 mm
+ 1-3/16"

3 OPTIONS + CLÉ DE RÉGLAGE

SUPA2
Pour pose céramique

pour joint de 2 mm
3/32"

SUPA4
Pour pose céramique et sur traverses en aluminium

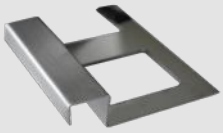
pour joint de 4 mm
5/32"

SUPAW
Pour pose sur liteaux en bois

SUPAK
Clé de reglage à 3 fonctions

Pour joint de 4 mm
au minimum

BSJ
Profil d'arrêt



L = 2,70 m
8' 10"

BSR
Profil d'arrêt

L = 2,70 m
8' 10"

BST20
Profil d'arrêt

SUPL2 - SUPL3
Membrane anti-fragmentation

SUPCLPP
Entretoise périphérique

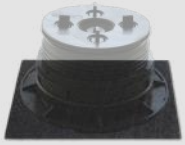
SUPACLPB
Clip de bord vertical - Base

SUPACLPT
Clip de bord vertical - Tête

SUPAR120
Anneau pour plot

120 mm - 4-3/4"

SUPATG
Tapis

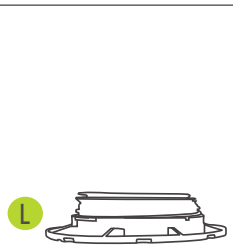
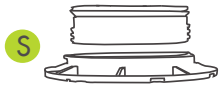
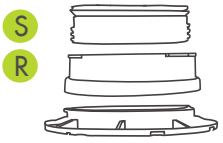
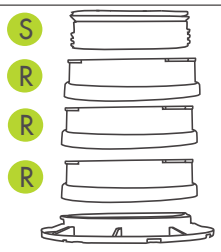


198 x 198 mm
7" 25/32 x 7" 25/32

UPTEC - plot réglable universel pour sols flottants - composants	
ART.	DESCRIPTION
SUPAL	Plot minimum 28÷43 mm - 1-3/32÷1-11/16″
SUPAS	Plot standard 43÷58 mm - 1-11/16″÷2-9/32″
SUPAR	Anneau pour plot +30 mm - +1-3/16″

UPTEC - options de base	
ART.	DESCRIPTION
SUPA2	Ailette de séparation de 2 mm - 3/32″
SUPA4	Ailette de séparation de 4 mm - 5/32″ utilisable avec traverse en Aluminium
SUPAW	Ailette pour traverse de bois

UPTEC - options supplémentaires	
ART.	DESCRIPTION
SUPAR120	Anneau pour plot 120 mm - 4-3/4″
SUPAK	Clé de reglage à 3 fonctions
SUPL2	Disque niveleur de 2 mm - 3/32″
SUPL3	Disque niveleur de 3 mm - 1/8″
SUPACLPP	Cale d'écartement périphérique par rapport au mur
SUPACLPT	Clip de bord vertical - Tête
SUPACLPB	Clip de bord vertical - Base
BSJ + BSJE	Profilé Périphérique + Terminal
BSR + BSRE + BSRG	Profilé Périphérique + Terminal + Juntion
BST + BSTE	Profilé Périphérique + Terminal
SUPATG	Tapis 198x198x3 mm - 7″ 25/32 x 7″ 25/32 x 1/8″

28-43 mm 1-3/32″ - 1-11/16″	43-58 mm 1-11/16″ - 2-9/32″	58-88 mm 2-9/32″ - 3-15/32″	88-118 mm 3-15/32″ - 4-41/64″	118-148 mm 4-41/64″ - 5-53/64″
 SUPAL	 SUPAS	 SUPAS + 1 SUPAR	 SUPAS + 2 SUPAR	 SUPAS + 3 SUPAR
2 4 W	2 4 W	2 4 W	2 4 W	2 4 W

UPTEC - KIT plots avec ailette 2 mm-3/32″- produit assemblé	
ART.	DESCRIPTION
SUPAL2-28/43	kit plot + ailette pour joint 2 mm - 3/32″
SUPAS2-43/58	kit plot + ailette pour joint 2 mm - 3/32″
SUPAS2-58/88	kit plot + ailette pour joint 2 mm - 3/32″
SUPAS2-88/118	kit plot + ailette pour joint 2 mm - 3/32″
SUPAS2-118/148	kit plot + ailette pour joint 2 mm - 3/32″

UPTEC - plots avec ailette 4 mm-5/32″- produit assemblé	
ART.	DESCRIPTION
SUPAL4-28/43	kit plot + ailette pour joint 4 mm - 5/32″
SUPAS4-43/58	kit plot + ailette pour joint 4 mm - 5/32″
SUPAS4-58/88	kit plot + ailette pour joint 4 mm - 5/32″
SUPAS4-88/118	kit plot + ailette pour joint 4 mm - 5/32″
SUPAS4-118/148	kit plot + ailette pour joint 4 mm - 5/32″

SUPAANG
Aluminium traverses

L = 2.40 m
7-7/8″

ACCESSOIRES

SUPAJG
Jonction pour la lambourde

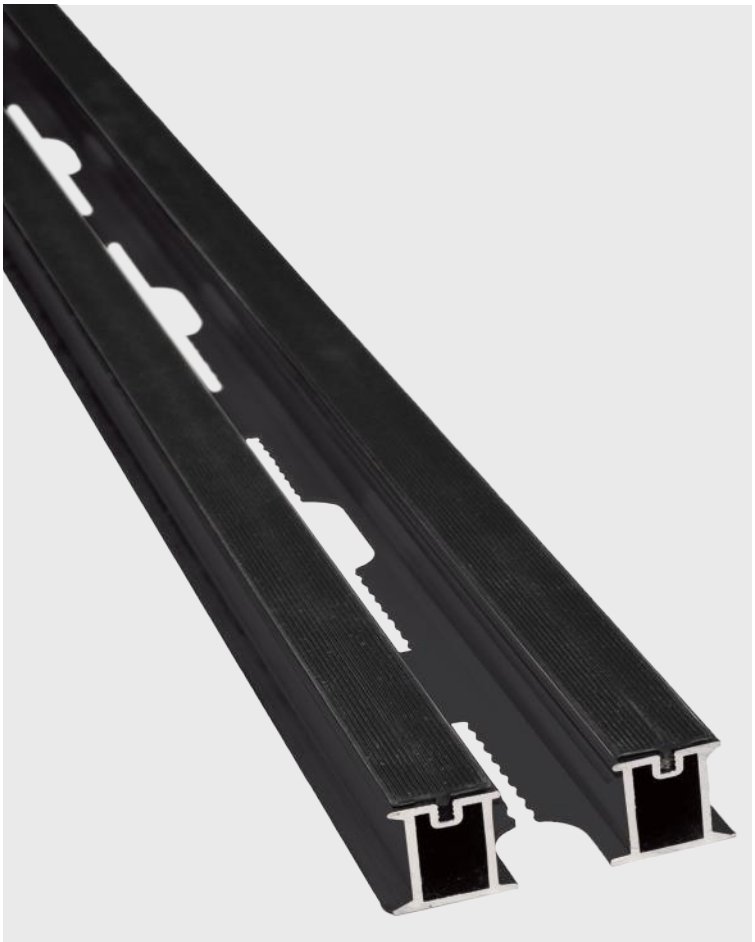
SUPDG
Cale d'écartement entre carreaux

4 mm
5/32″

SUPACLPPT
Entretoise périphérique - traverse

SUPCLIPG
Clips latéraux et centraux

UPTEC - plot réglable universel pour sols flottants - composants	
ART.	DESCRIPTION
SUPAANG240	Traverses en Aluminium (L = 2.40 m - 7-7/8″)
SUPAANGB240	Traverses en Aluminium noir (L = 2.40 m - 7-7/8″)
UPTEC - options supplémentaires	
ART.	DESCRIPTION
SUPDG	Entretoise entre carreaux (4 mm - 5/32″ thickness)
SUPAJG	Jonction pour la lambourde
SUPCLIPG	Clips latéraux et centraux
SUPACLPPT	Entretoise périphérique - Traverse



SUPAS

43÷58 mm
1-11/16″÷2-9/32″

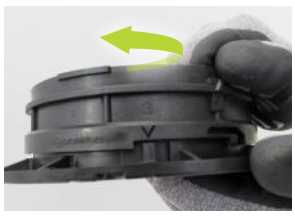
SUPAS 1SUPAR

58÷88 mm
2-9/32″÷3-15/32″

N.B. Faire attention aux marques sur la partie inférieure de SUPAR et à celles qui figurent sur l'embase.

OUVERT

FERMÉ



SUPAR

+30 mm
+1-3/16″

N.B. Faire attention aux marques sur la partie inférieure de l'article SUPAR ajouté et à celles qui figurent sur la partie supérieure de l'article SUPAR situé en dessous.

OUVERT

FERMÉ

SUPA 2/4/W

SUPAS

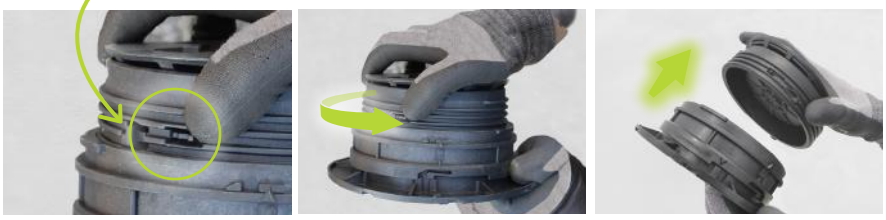
43÷58 mm
1-11/16"÷2-9/32"

APPUYER

SUPAS
1SUPAR

58÷88 mm
2-9/32"÷3-15/32"

APPUYER



SOULEVER

SUPAR

- 30 mm
- 1-3/16"

SOULEVER

SUPA 2/4/W

DÉTACHER

SUPAK

UTILISATION DE LA CLÉ DE RÉGLAGE : 3 FONCTIONS

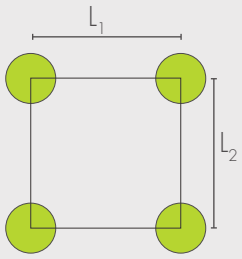
CALCUL ESTIMATIF DES QUANTITÉS - pcs/m²

Le nombre de supports à utiliser dans une installation varie en fonction de la qualité et de la taille des carrelages utilisés, ainsi que des charges statiques (par exemple une charge ponctuelle comme un pot de fleurs) et dynamiques (par exemple le passage de personnes) que les supports devront supporter.

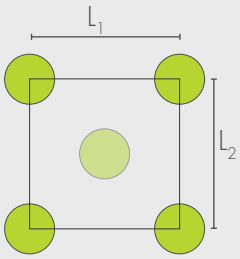
Profilitec recommande de contacter le fabricant du sol pour connaître la capacité de charge de chaque carrelage.

Formules de calcul du nombre de supports par mètre carré, en tenant compte de carrelages de 2 cm - 3/4" d'épaisseur (dans le cas d'épaisseurs supérieures, contacter le siège de l'entreprise pour calculer la capacité de charge correcte)

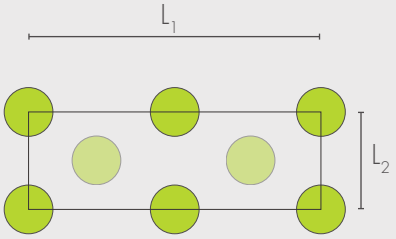
$(1 : L_1 : L_2) = pcs/m^2$



$(1 : L_1 : L_2) \times 2 = pcs/m^2$
avec support central



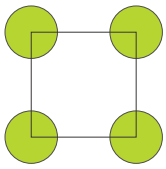
$(1 : L_1/2 : L_2) = pcs/m^2$



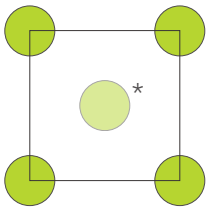
N.B. La formule ne tient pas compte des pièces situées à la périphérie. Pour obtenir un calcul plus précis, ajouter au calcul du nombre de carrelages au m2 la moitié du nombre de pièces venant du calcul du périmètre.
Nous suggérons de contacter le siège de l'entreprise en cas d'applications particulières. Entraxe maximal de 60 cm - 24".

EXEMPLES DE SCHÉMAS DE POSE POUR LE CARRELAGE

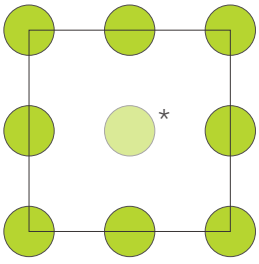
* ajouter le support central pour une utilisation dans des espaces publics / en cas de charges ou de hauteurs élevées



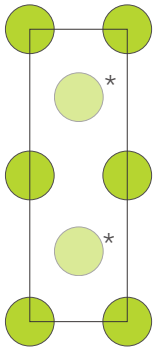
40x40 cm
16"x16"



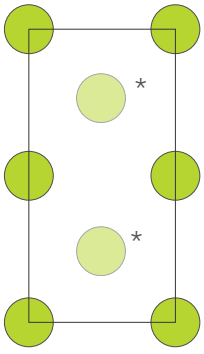
60x60 cm
24"x24"



80x80 cm
32"x32"



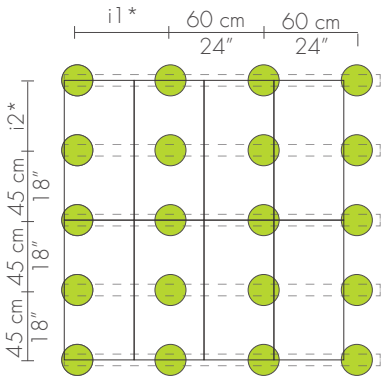
40x120 cm
16"x48"



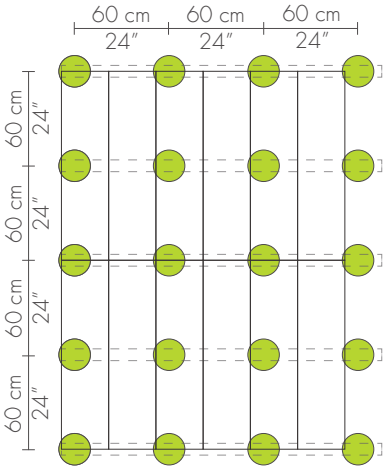
60x120 cm
24"x48"

EXEMPLES DE SCHÉMAS DE POSE SUR LITEAUX

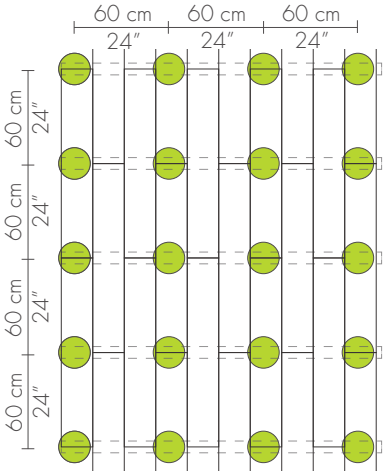
* Remplacer dans la formule L1 et L2 par l'entraxe i1 et i2, ce qui donne :
(1 : i1 : i2) = pcs/m2



45x90 cm - 18"x36"



30x120 cm - 12"x48"



PROCÉDURES PRÉLIMINAIRES

1. Vérifier que le matériel est en **bon état** avant de procéder à la pose.

2. La hauteur minimale pouvant être obtenue est égale à **48 mm - 1-7/8"** (hauteur minimale de SUPAL = 28 mm (1-3/32") + épaisseur de carrelage = 20 mm - 3/4").

CARACTÉRISTIQUES DU SUBSTRAT

3. La **surface** sur laquelle le produit doit être posé doit être parfaitement **propre**, sans traces de liquides, de saletés ou de corps étrangers.

4. Poser les supports sur du béton, du ciment, de l'EPDM, du caoutchouc, un revêtement monocouche, d'autres systèmes de couverture ou directement sur des matériaux isolants, en vérifiant la résistance à la compression du matériau d'appui.

5. Vérifier la **conformité** de la surface de pose aux spécifications du plan et la présence d'un système de drainage adéquat.

RECOMMANDATIONS

6. Uptec doit s'utiliser uniquement pour des lieux fréquentés par des **piétons**.

7. **Ne pas** découper le support sur plus de **deux côtés consécutifs**. En cas d'impossibilité, prière de contacter le siège de l'entreprise.

8. Les **mouvements latéraux** de la pose ne doivent pas dépasser 3 mm - 1/8".

9. Pour des **hauteurs supérieures à 40 cm - 15-3/4"**, contacter un technicien agréé et vérifier la capacité de charge.

10. Vérifier l'absence de tout **élément dangereux** en fin de pose.of danger.

DIRECTIVES DE POSE DU PRODUIT

11. L'**entraxe maximum** entre un support et l'autre ne doit pas dépasser **60 cm - 24"**.

12. La pose doit être **isolée** des murs sur tous les côtés, ou comporter des systèmes de fermeture périphérique adéquats (cales ou profilés).

13. Déterminer la **hauteur du support** en retranchant de la hauteur finale du revêtement l'épaisseur du carrelage.

14. Avant de poser le revêtement de sol, **positionner les supports** assemblés à la hauteur correcte.

15. Après chaque pose de carrelage, vérifier l'**alignement du revêtement** de sol en réglant la hauteur des supports (il est conseillé d'avoir recours à la clé SUPAK).

16. Utilisation **autonivelante**: sols avec une charge équilibrée sur le support. Utilisation **fixe**: en cas de charge déséquilibrée sur le support (par exemple à la périphérie de la pose, là où se trouvent des carrelages coupés). Le support se fixe en vissant l'écrou vert sur la tête du support.

CONDITIONNEMENT DU PRODUIT

17. Conserver le matériel dans **l'emballage d'origine**.

18. Le matériel est fourni dans des boîtes en carton qui doivent être conservées au **sec** et ne pas être au contact de la pluie ou de déchets.

19. Durant la pose, protéger les produits de tout dommage éventuel. **Remplacer** ou réparer les **produits endommagés** avant de poursuivre.

20. Livrer, stocker et gérer les produits conformément aux instructions ci-dessus.

COMPOSANTS POUR LA POSE

ÉLÉMENTS DE BASE

Sélectionner l'ailette en fonction du besoin parmi les possibilités suivantes:

- 1a SUPAL - 28÷43 mm - 1-3/32" - 1-11/16"
- 1b SUPAS - 43÷58 mm - 1-11/16" - 2-9/32"
- 1c SUPAS + SUPAR - 43÷58 mm + 30 mm 1-11/16" - 2-9/32" +1-3/16"
- 1d SUPAR120 - (opcional)

Sélectionnez l'ailette selon vos nécessités entre:

- 2a SUPA2 - 2 mm - 3/32" ailette
- 2b SUPA4 - 4 mm - 5/32" ailette

- 3 Clé de Réglage 3 en 1


SUPAL


SUPAR120 - (opcional)


SUPAS


SUPAS + SUPAR


SUPA2


SUPA4


SUPAK

ACCESSOIRES PÉRIPHÉRIQUES

- 4 Entretoise périphérique


SUPACLPP

- 5 * Profilés périmètrales


BSJ


BSR


BST

- 6 Clip pour bord vertical - Base et tête


SUPACLPB


SUPACLPT

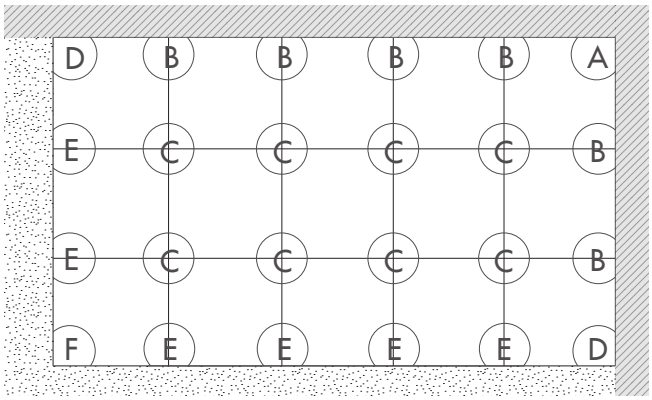
AUTRES INSTRUMENTS NÉCESSAIRES

- 7 Scie à métaux

- 8 Ruban à mesurer

- 9 Niveau

CONFIGURATION POSSIBLE DES PLOTS



Exemple de configuration d'installation de plots pour une terrasse rectangulaire ouverte sur deux côtés et fermée par deux parois. La lettre spécifiée indique le type de support dont l'installation sera expliquée en détail ci-dessous. L'installation doit être **fermée** sur tous les côtés avec des parois ou avec des systèmes spéciaux de fermeture périmètrale (clips ou profilés).

Exemple avec des carrelages de 50x50 cm - 20"x20". Pour des carrelages de dimension supérieure, il est conseillé d'ajouter un support central.

POSITIONNEMENT DES PLOTS **AUX COINS** A

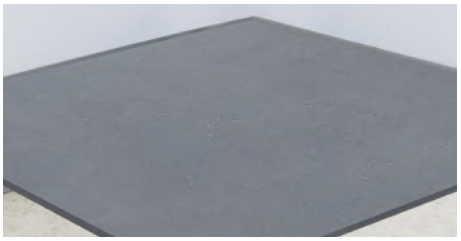
1. Tournez la base et coupez deux des côtés le long de la ligne pré-coupée.

2. Assemblez et positionnez le plots au coin.

3. Coupez les ailettes avec la clé SUPAK.

4. Positionnez un clip SUPACLPP en contact avec la paroi.

5. Placez un deuxième clip d'espacement SUPACLPP perpendiculairement au premier.

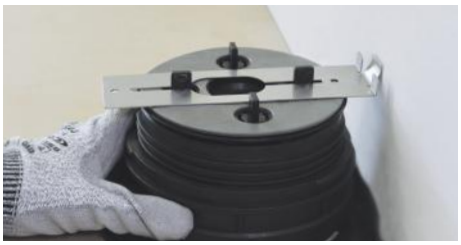


6. Posez le carreau.

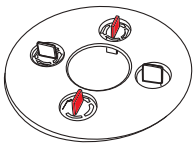
POSITIONNEMENT DES PLOTS DE **PÉRIMÈTRE** B

7. Tournez la base et coupez un des côtés le long de la ligne pré-coupée.

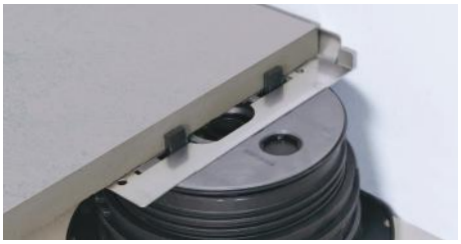
8. Assemblez et positionnez les plots avec le côté coupé appuyé contre le mur.



9. Fixez le clip d'espacement SUPACLPP entre les deux ailettes perpendiculaires au mur.



10. Coupez les deux autres ailettes avec la clé SUPAK.



11. Posez le carreau.

12. Positionnez les plots, laissant, entre le centre du premier plot et les suivants, un espace égal à la longueur du côté du carreau. Distance maximale: 60 cm - 24".

13. Posez le carreau.

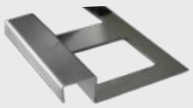
14. Appuyer les angles de la dalle entre les ailettes.

15. Posez les autres carreaux.

16. Vérifiez que le sol est au même niveau, linéaire.

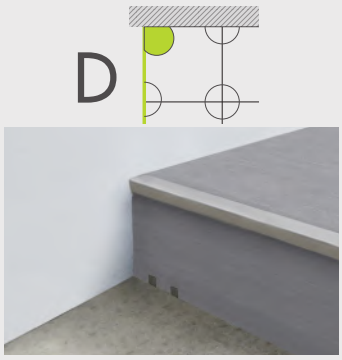
17. En cas de mauvais alignement, réglez la hauteur à l'aide de la clé SUPAK.

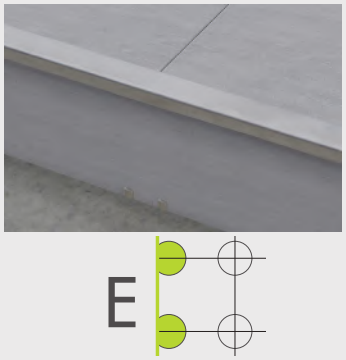
BSJ

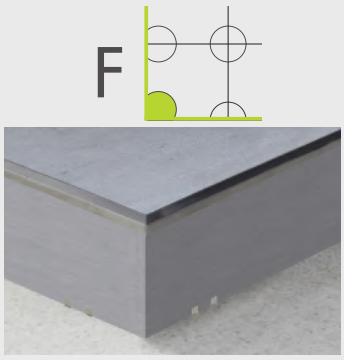


BSJ20IS

SUPACLPB + SUPACLPP



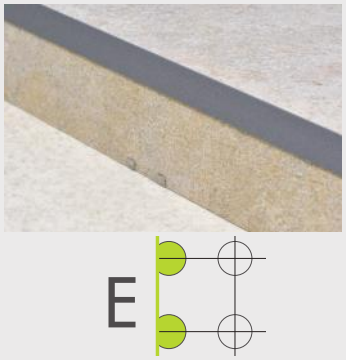




BST

BST20A50

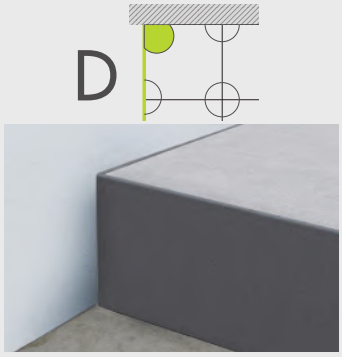
SUPACLPB + SUPACLPP

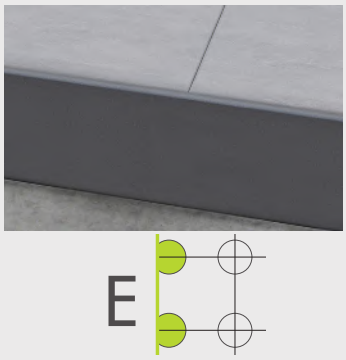


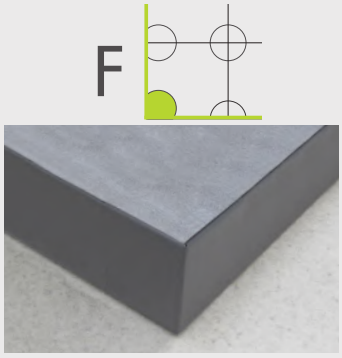
BSR

BSR20/100A50

SUPACLPP





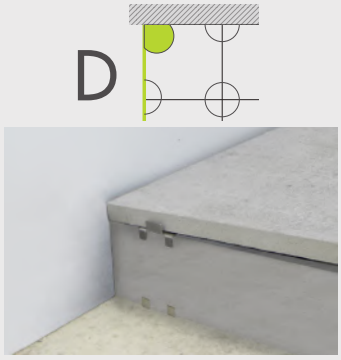


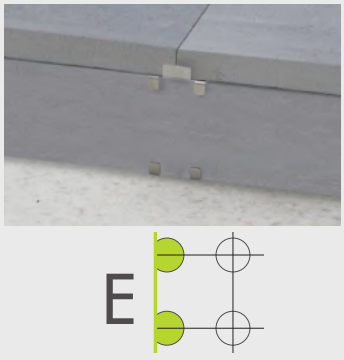
Clip

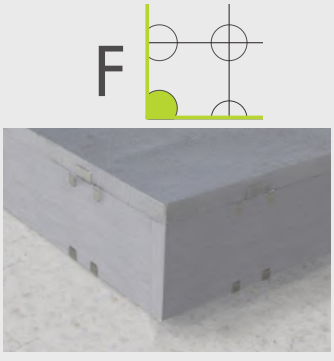
SUPACLPB

SUPACLPT

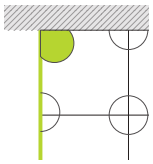
SUPACLPP







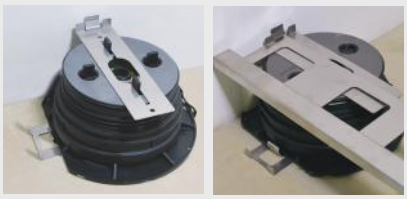
BSJ D



INSTALLATION DU PROFIL **BSJ PERIMETRAL ANGULAIRE** AU MUR

D1. Mettez le clip SUPACLPB au-dessous de la base du plot.

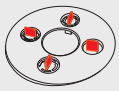
D2. Positionnez le plot mettant le côté coupé vers le mur et l'autre côté vers l'extérieur.



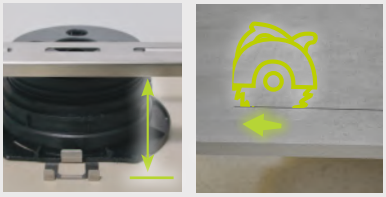
D3. Mettez le clip SUPACLPP et le profilé BSJ sur la tête du plot.

N.B.

la découpe de la base sur les deux côtés



l'élimination des quatre ailettes

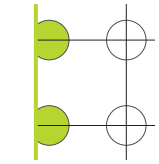


D4. Coupez le carreau de la même hauter entre le profil BSJ et le clip SUPACLPB.

D5. Mettez le carreau coupé entre le profil BSJ et le clip SUPACLPB.

D6. Posez le carreau de couverture.

BSJ E



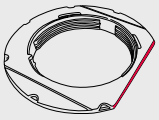
INSTALLATION DU PROFILE **BSJ PERIMETRAL DE BORDURE**

E1. Mettez au-dessous de la base du plot le clip SUPACLPB.

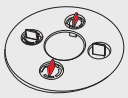
E2. Positionnez le plot mettant le côté coupé vers l'extérieur.

E3. Mettez le profilé BSJ sur le tête du plot.

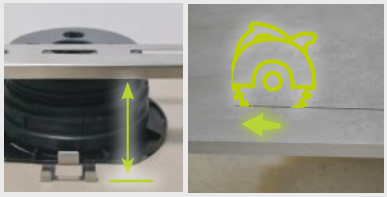
N.B.



la découpe de la base d'un côté



l'élimination des deux ailettes

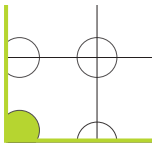


E4. Coupez le carreau de la mesure correspondante à la distance entre le profilé BSJ et SUPACLPB.

E5. Mettez le carreau coupé entre le profilé BSJ et le clip SUPACLPB.

E6. Posez le carreau de couverture.

BSJ F



INSTALLATION DES ANGLES DU PROFILE' **BSJ PERIMETRAL DE BORDURE**

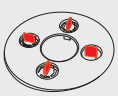
F1. Placez deux clips SUPACLPB perpendiculaires au-dessous de la base du plot.

F2. Positionnez le plot avec les coins coupés vers l'extérieur.

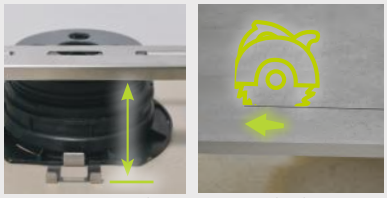
F3. Positionnez le coin externe du profilé, BSJE sur la tête. Approchez le profilé BSJ.

N.B.

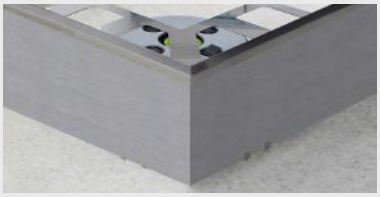
la découpe de la base sur les deux côtés



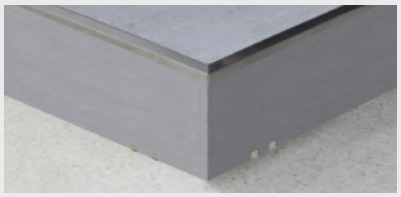
l'élimination des quatre ailettes



F4. Coupez le carreau de la mesure correspondant l'hauteur entre le profil BSJ et le clip SUPACLPB.

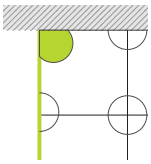


F5. Ajustez le carreau coupé entre le profil BSJ et le clip SUPACLPB.



F6. Posez le carreau de couverture.

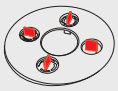
BST D



INSTALLATION DU PROFIL **BST PERIMETRAL ANGULAIRE** AU MUR

N.B.

la découpe de la base sur les deux côtés

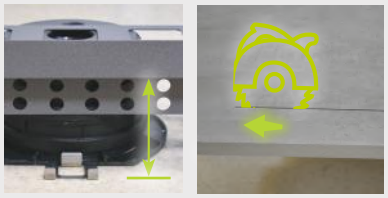


l'élimination des quatre ailettes

D1. Mettez le clip SUPACLPB au-dessous de la base du plot.

D2. Positionnez le plot mettant le côté coupé vers le mur et l'autre côté vers l'extérieur.

D3. Mettez le clip SUPACLPP et le profilé BST sur la tête du plot.

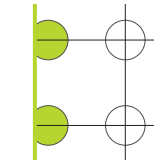


D4. Coupez le carreau de la même hauter entre le profil BST et le clip SUPACLPB.

D5. Mettez le carreau coupé entre le profil BST et le clip SUPACLPB.

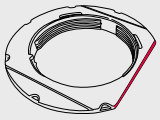
D6. Posez le carreau de couverture.

BST E

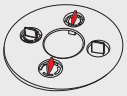


INSTALLATION DU PROFILE **BSJ PERIMETRAL DE BORDURE**

N.B.

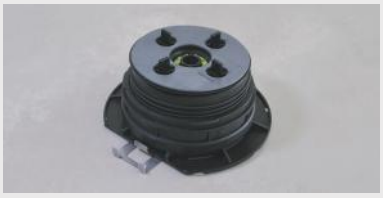


la découpe de la base d'un côté



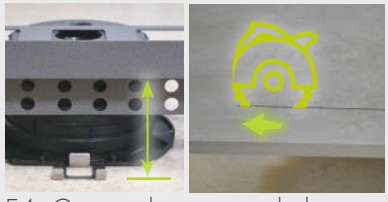
l'élimination des deux ailettes

E1. Mettez au-dessous de la base du plot le clip SUPACLPB.



E2. Positionnez le plot mettant le côté coupé vers l'extérieur.

E3. Mettez le profilé BST sur le tête du plot.

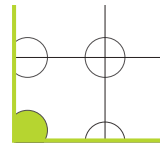


E4. Coupez le carreau de la mesure correspondante à la distance entre le profilé BST et SUPACLPB.

E5. Mettez le carreau coupé entre le profilé BST et le clip SUPACLPB.

E6. Posez le carreau de couverture.

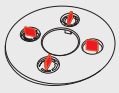
BST F



INSTALLATION DES ANGLES DU PROFILE' **BSJ PERIMETRAL DE BORDURE**

N.B.

la découpe de la base sur les deux côtés

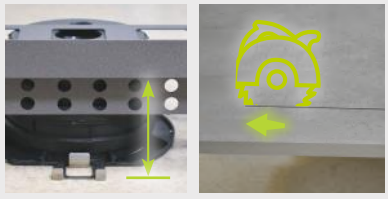


l'élimination des quatre ailettes

F1. Placez deux clips SUPACLPB perpendiculaires au-dessous de la base du plot.

F2. Positionnez le plot avec les coins coupés vers l'extérieur.

F3. Positionnez le coin externe du profilé, BSTE sur la tête. Approchez le profilé BST.

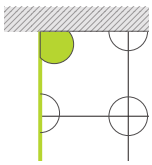


F4. Coupez le carreau de la mesure correspondant l'hauteur entre le profil BST et le clip SUPACLPB.

F5. Ajustez le carreau coupé entre le profil BST et le clip SUPACLPB.

F6. Posez le carreau de couverture.

BSR D



INSTALLATION DU **PROFIL BSR PERIMETRAL ANGULAIRE** AU MUR

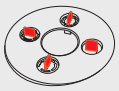
D1. Positionnez le plot mettant le côté coupé vers le mur et l'autre côté vers l'extérieur.

D2. Mettez le clip SUPACLPP sur la tête du plot.

D3. Mettez le profilé BSR sur la tête du plot.

N.B.

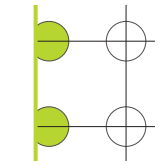
la découpe de la base sur les deux côtés



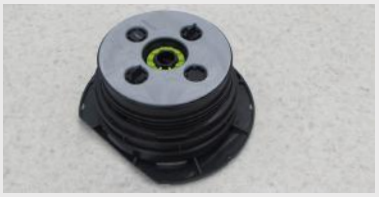
l'élimination des quatre ailettes

D4. Posez le carreau de couverture.

BSR E



INSTALLATION DU PROFILE **BSR PERIMETRAL DE BORDURE**

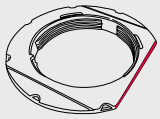


E1. Positionnez le plot mettant le côté coupé vers l'extérieur.

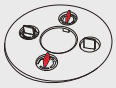
E2. Mettez le profilé BSR entre les ailettes positionnées sur le tête du plot.

E3. Posez le carreau de couverture.

N.B.



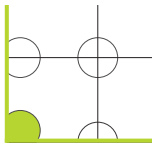
la découpe de la base d'un côté



l'élimination des deux ailettes

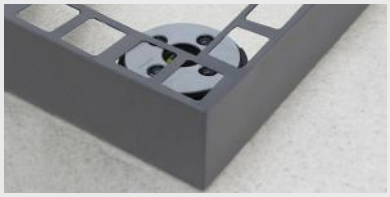
E4. Posez le carreau de couverture.

BSR F

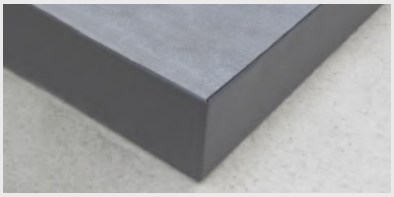


INSTALLATION DU PROFILE **BSR PERIMETRAL ANGULAIRE**

F1. Positionnez le plot mettant le côté coupé vers l'extérieur.

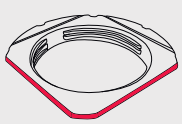


F2. Faites glisser l'angle externe BSRE sur le profilé BSR. Place the composed piece on the pedestal.

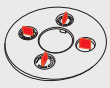


F3. Posez le carreau de couverture.

N.B.



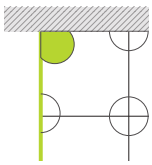
la découpe de la base sur les deux côtés



l'élimination des quatre ailettes

BSR + BSRE joint.

CLIP D



INSTALLATION OF **BASE-HEAD PERIMETER CORNER CLIPS** AU MUR

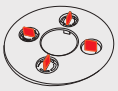
D1. Posez au dessous de la base du plot le clip SUPACLPB.

D2. Positionnez le plot mettant le côté coupé vers le mur et l'autre côté vers l'extérieur.

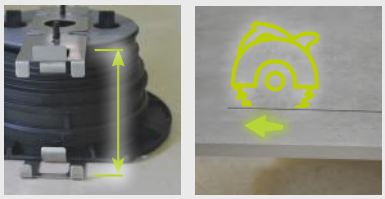
D3. Mettez le clip SUPACLPP perpendiculairement au mur. Mettez le clip SUPACLPT.

N.B.

la découpe de la base sur les deux côtés



l'élimination des quatre ailettes

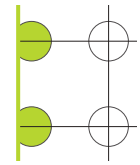


D4. Coupez le carreau de la mesure correspondante à la distance entre le clip SUPACLPT et SUPACLPB

D5. Mettez le carreau coupé entre les deux clips SUPACLIP et SUPACLPB.

D6. Posez le carreau de couverture.

CLIP E



INSTALLATION DU **CLIP TÊTE-BASE PERIMETRAL DE BORDURE**

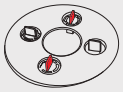
E1. Mettez au-dessous de la base du plots le clip SUPACLPB.

E2. Positionnez le plot mettant le côté coupé vers l'extérieur.

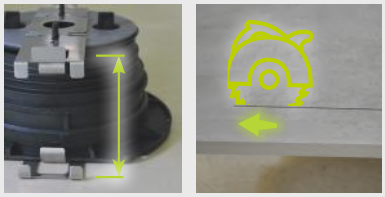
E3. Placez le clip tête SUPACLPT entre les deux ailettes positionnées sur la tête.

N.B.

la découpe de la base d'un côté



l'élimination des deux ailettes

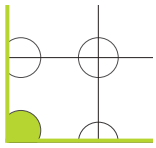


E4. Coupez le carreau de la mesure correspondante à la distance entre le clip SUPACLPT et SUPACLPB.

E5. Mettez le carreau coupé entre le clip SUPACLPT et SUPACLPB.

E6. Posez le carreau de couverture.

CLIP F



INSTALLATION OF **BASE-HEAD PERIMETER CORNER CLIPS**

F1. Placez deux clips SUPACLPB perpendiculaires au-dessous de la base du plot.

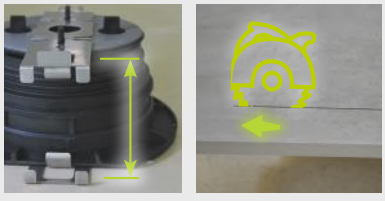
F2. Positionnez le plot mettant les côtés coupés vers l'extérieur.

F3. Placez deux clips SUPACLPT perpendiculaires sur la tête du plot.

N.B.

la découpe de la base sur les deux côtés

l'élimination des quatre ailettes



F4. Coupez le carreau de la mesure correspondant à l'hauteur entre le clip SUPACLPT et la SUPACLPB.

F5. Mettez le carreau coupé entre le clip SUPACLPT et SUPACLPB.

F6. Posez le carreau de couverture.

COMPOSANTS POUR LA POSE

ÉLÉMENTS DE BASE

Sélectionner l'ailette en fonction du besoin parmi les possibilités suivantes:

- 1a SUPAL - 28÷43 mm - 1-3/32" - 1-11/16"
- 1b SUPAS - 43÷58 mm - 1-11/16" - 2-9/32"
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm 1-11/16" - 2-9/32" +1-3/16"
- 1d SUPAR120 - (opcional)
- 2 SUPA4 - Ailette 4 mm - 5/32"
- 3 Traverses en Aluminium L = 2.40 m - 7-7/8"
- 4 Clé de Réglage 3 en 1


SUPAL

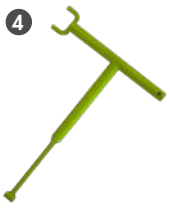

SUPAR120 - (opcional)


SUPAS


SUPAS + SUPAR


SUPA4


SUPAANG240

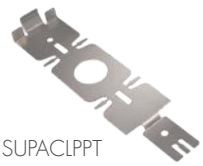

SUPAK

ACCESSOIRES

- 5 Entretoise périphérique
- 6 Clip de bord vertical - Tête
- 7 Entretoise périphérique - Traverse
- 8 Entretoise entre carreaux de 4 mm - 5/32"
- 9 Jonction pour la lambourde


SUPACLPP


SUPACLPT


SUPACLPPT

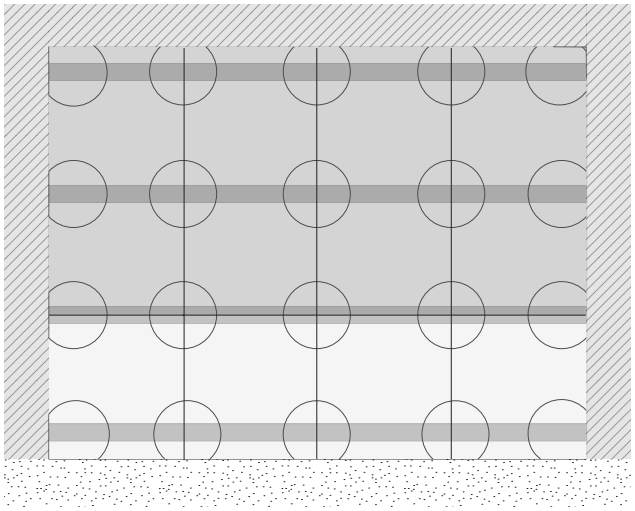

SUPDG


SUPAJG

AUTRES INSTRUMENTS NÉCESSAIRES

- 10 Scie à métaux
- 11 Ruban à mesurer
- 12 Niveau
- 13 Coupeur

CONFIGURATION POSSIBLE DES PLOTS



Exemple avec des carrelages de 50x50 cm - 20"x20". Pour des carrelages de dimension supérieure, il est conseillé d'ajouter un support central.

L'installation doit être **fermée** sur tous les côtés avec des parois ou avec des systèmes spéciaux de fermeture périmètrale (clips).

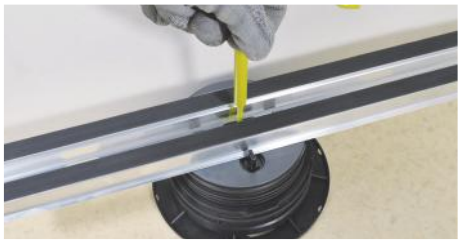
En cas de longueurs supérieures à 2.40 m - 7-7/8", placer plusieurs traverses en maintenant une distance de 5 mm - 3/16" entre l'extrémité d'une traverse et le début de la suivante ou insérez la jonction SUPAJG appropriée.

Entraxe maximum entre les supports: 50 cm ou 60 cm - 20" ou 24" en fonction de la longueur de la traverse.

1. Retourner la base et enlever deux des côtés le long de la ligne prédécoupée.

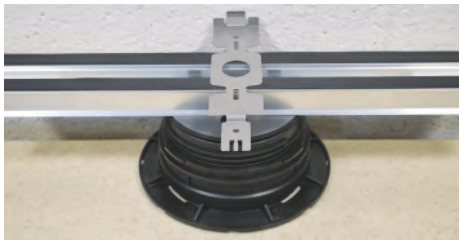
2.Positionner les plots contre le mur.

3.Insérer la lambourde SUPAANG entre les ailettes des plots.



4.Niveler les plots avec la clé SUPAK pour obtenir une surface plane

5. Angle - Positionner les clips SUPACLPPT perpendiculairement et parallèlement à la lambourde et en contact avec le mur.



6. Périmètre - Positionner les clips SUPACLPPT perpendiculairement à la lambourde et contre le mur.

7. Positonner les plots restants.

8. Positionner la lambourde suivante, à distance du mur, avec les clips SUPACLPPT.

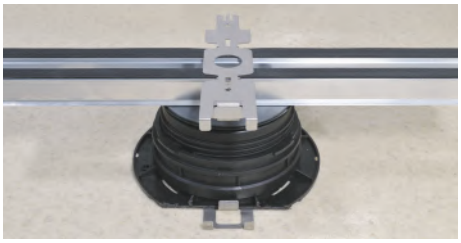
9. Compléter l'installation dans toute la zone.

FERMETURE DU BORD OUVERT

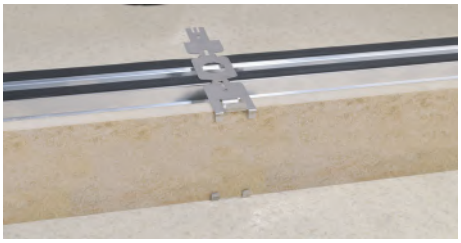
10. Posez au dessous de la base du plot le clip SUPACLPB.

11. Placez le plot avec un côté coupé vers le mur et l'autre coupé vers l'extérieur.

12. Angle - Positionner la lambourde SUPAANG, ensuite l'entretoise SUPACLPPT parallèlement et le clip de fermeture SUPACLPT perpendiculairement à celui-ci.



13. Périmètre - Positionner les clips de fermeture SUPACLPT perpendiculairement à la lambourde



14. Mettez le carreau coupé entre le clip SUPACLPT et SUPACLPB.

15. Completer l'installation

POSE DE **CARRELAGES** AVEC **CALES D'ÉCARTEMENT** SUR TRAVERSES - (carreaux alignés)

16. Insérer les cales d'écartement SUPDG dans la rainure prévue à cet effet sur la traverse, de manière à maintenir la même distance entre les différents carrelages.

17. Poser les autres carrelages.

POSE DE **CARRELAGES** AVEC **CALES D'ÉCARTEMENT** SUR TRAVERSES - (carreaux en quinconce)

16. Insérer les cales d'écartement SUPDG (en enlevant les ailettes inutiles) dans la rainure prévue à cet effet sur la traverse à l'endroit où il faut poser le carrelage en quinconce de la rangée suivante.

17. Poser les autres carrelages.

FERMETURE AVEC LE PROFIL BSJ

Après avoir positionné le plot et les clips, placez le profilé BSJ.

Mettez le carreau coupé entre le profilé BSJ et le clip SUPACLPB.

Posez le carreau de couverture.

FERMETURE AVEC LE PROFIL BST

Après avoir positionné le plot et les clips, placez le profilé BST.

Mettez le carreau coupé entre le profilé BST et le clip SUPACLPB.

Posez le carreau de couverture.

FERMETURE AVEC LE PROFIL BSR

Après avoir positionné les plots et les clips SUPACLPPT, placez le profilé BSR.

Posez le carreau de couverture.

COMPOSANTS POUR LA POSE

ÉLÉMENTS DE BASE

Sélectionner l'ailette en fonction du besoin parmi les possibilités suivantes:

- 1a SUPAL - 28÷43 mm - 1-3/32" - 1-11/16"
- 1b SUPAS - 43÷58 mm - 1-11/16" - 2-9/32"
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm 1-11/16" - 2-9/32" +1-3/16"
- 1d SUPAR120 - (opcional)
- 2 SUPA4 - Ailette 4 mm - 5/32"
- 3 Traverse en aluminium L = 2.40 m - 7-7/8"
- 4 Clé de Réglage 3 en 1


SUPAL


SUPAS


SUPAR120 - (opcional)


SUPAS + SUPAR


SUPA4


SUPAANG240


SUPAK

ACCESSOIRES

- 5 Cales pour l'insertion de lames
- 6 Jonction pour la lambourde

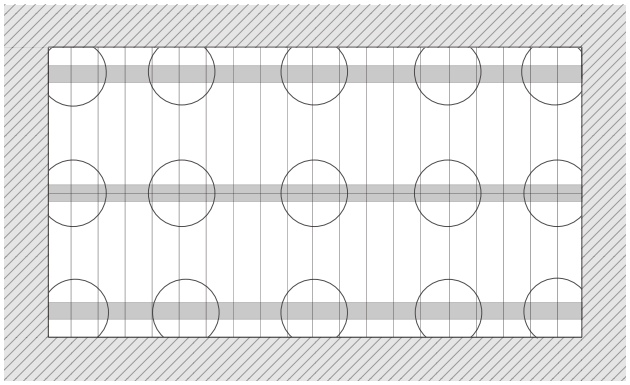

SUPCLIPG


SUPAJG

AUTRES INSTRUMENTS NÉCESSAIRES

- 7 Scie à métaux
- 8 Ruban à mesurer
- 9 Niveau
- 10 Visseuse
- 11 Vis à Aluminium

PEDESTAL PLACEMENT DIAGRAM



Exemple de schéma de pose pour terrasse rectangulaire fermée sur les quatre côtés. La lettre spécifique indique le type du support dont la pose sera expliquée plus loin en détail.

La pose doit être **fermée** sur tous les côtés.

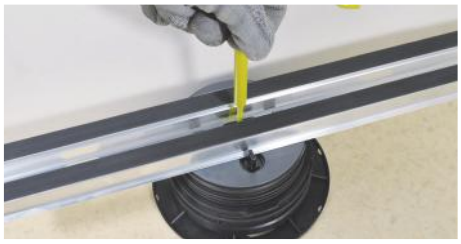
En cas de longueurs supérieures à 2 m - 6'7", placer plusieurs traverses en maintenant une distance de 5 mm - 3/16" entre l'extrémité d'une traverse et le début de la suivante.

Entraxe maximum entre les supports: 50 cm ou 60 cm 20" ou 24" en fonction de la longueur de la traverse.

1. Retourner la base et enlever deux des côtés le long de la ligne prédécoupée.

2. Positionner les plots contre le mur.

3. Insérer la lambourde SUPAANG entre les ailettes des plots.



4.Niveler les plots avec la clé SUPAK pour obtenir une surface plane

5. Insérer la cale horizontalement, puis la faire tourner de 90° pour en garantir l'insertion.

6. Rapprochez les clips SUPCLIPG au mur.

7. Fixez les clips à la lambourde.

8. Posez le listel en bois en enclenchant sa fente dans le clip.

9. Placer une cale SUPCLIPG pour bloquer les lames.

10. Placer les autres cales SUPCLIPG.

11. Poser toutes les lames de bois.

Remarque: *Si le revêtement de la terrasse est posé en diagonale par rapport à la traverse, la cale peut être tournée au maximum de 40° dans les deux sens.*

INSTRUCTIONS DE POSE DE SOL BOIS SUR LITEAUX EN BOIS

COMPOSANTS POUR LA POSE

ÉLÉMENTS DE BASE

Sélectionner l'ailette en fonction du besoin parmi les possibilités suivantes:

- 1a SUPAL - 28÷43 mm - 1-3/32" - 1-11/16"
- 1b SUPAS - 43÷58 mm - 1-11/16" - 2-9/32"
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm 1-11/16" - 2-9/32" +1-3/16"
- 1d SUPAR120 - (opcional)
- 2 SUPAW - tab for wood joists
- 3 Clé de Réglage 3 en 1


SUPAL


SUPAS


SUPAS + SUPAR


SUPAR120 - (opcional)

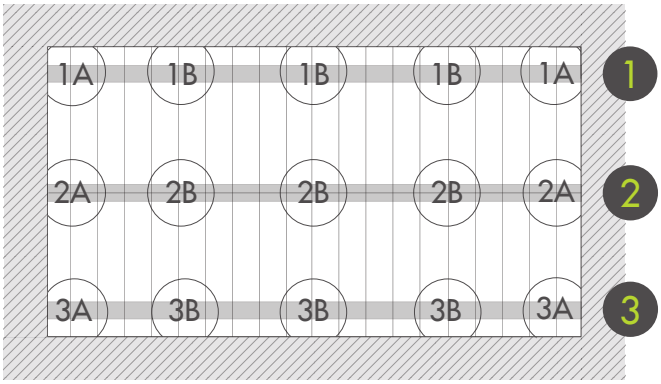

SUPAW


SUPAK

AUTRES INSTRUMENTS NÉCESSAIRES

- 4 Liteaux en bois
- 5 Scie à métaux
- 6 Ruban à mesurer
- 7 Niveau
- 8 Visseuse
- 9 Vis à bois

PEDESTAL PLACEMENT DIAGRAM



Exemple de schéma de pose pour terrasse rectangulaire fermée sur les quatre côtés. La lettre spécifique indique le type du support dont la pose sera expliquée plus loin en détail.

La pose doit être **isolée** des murs sur tous les côtés.

Si plusieurs liteaux sont côte à côte, maintenir une distance de 5 mm - 3/16" entre l'extrémité d'un liteau et le début du suivant.

Fixer le liteau en bois sur les ailettes SUPAW de façon alternée (droite, gauche) pour compenser les éventuels mouvements du matériel.

1 CONFIGURATION

POSITIONNEMENT DES SUPPORTS **D'ANGLE LE LONG DU MUR** 1A

1. Retourner la base et enlever deux des côtés le long de la ligne prédécoupée.

2. Assembler le support et positionner les deux côtés découpés dans l'angle.

POSITIONNEMENT DES SUPPORTS **PÉRIPHÉRIQUES DU MUR** 1B

3. Retourner la base et enlever l'un des côtés le long de la ligne prédécoupée.

4. Assembler le support et le placer avec le côté découpé appuyé contre le mur.

POSITIONNEMENT DE **LITEAU 1**

5. Placer le liteau en bois appuyé contre l'ailette SUPAW.

6. Visser le liteau sur le support par les fentes prévues à cet effet (à l'aide d'une visseuse).

7. Vérifier que le liteau est fixé solidement sur chacun des supports.

2 CONFIGURATION

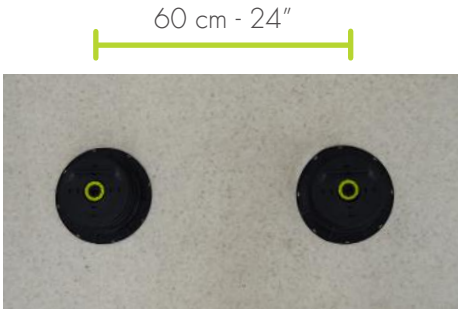
POSITIONNEMENT DES SUPPORTS **PÉRIPHÉRIQUES LE LONG DU MUR** 2A

8. Retourner la base et enlever l'un des côtés le long de la ligne prédécoupée.

9. Assembler le support et le placer avec le côté découpé appuyé contre le mur.

POSITIONING CENTRAL PEDESTALS 2B

10. Assembler le support et le placer sur le sol.



11. Entraxe maximum entre les supports: 60 cm - 24".

POSITIONNEMENT DE **LITEAU 2**

12. Placer le liteau en bois appuyé contre l'ailette SUPAW.

13. Visser le liteau sur le support par les fentes prévues à cet effet (à l'aide d'une visseuse).

14. Vérifier que le liteau est fixé solidement sur chacun des supports.

3 CONFIGURATION

POSITIONNEMENT DE SUPPORT **D'ANGLE LE LONG DU MUR** 3A

15. Retourner la base et enlever deux des côtés le long de la ligne prédécoupée.

16. Assembler le support et positionner les deux côtés découpés dans l'angle.

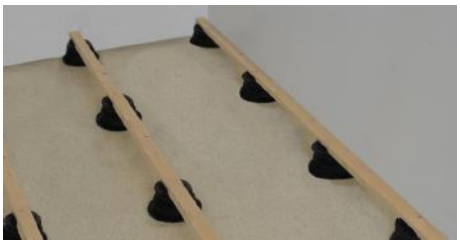
17. Retourner la base et enlever deux des côtés le long de la ligne prédécoupée.

18. Assembler le support et le placer avec le côté découpé appuyé contre le mur.

POSITIONNEMENT DE **LITEAU 3**

19. Placer le liteau en bois appuyé contre l'ailette SUPAW.

20. Visser le liteau sur le support par les fentes prévues à cet effet (à l'aide d'une visseuse).



21. Vérifier que le liteau est fixé solidement sur chacun des supports.

POSE **BOIS** SUR LITEAU AVEC DES **VIS**

22. Vérifier que l'installation est de niveau.

23. Placer la première lame de bois au contact du mur.

24. Visser la lame sur le liteau situé en dessous à l'aide d'une visseuse adaptée.

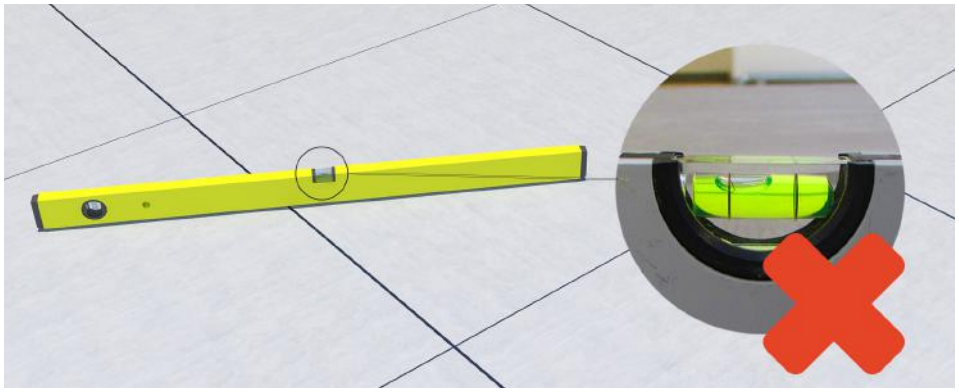
25. Poser la première rangée de lames en bois en les vissant aux endroits où elles reposent sur le liteau en bois situé au-dessous.

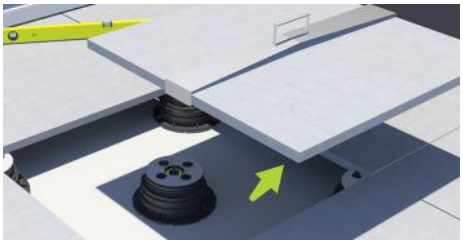
26. Poser et fixer les autres lames.

Remarque: *Si l'on préfère, il est possible de fixer les lames sur le liteau avec des clous et un marteau.*

A. CAS SPÉCIAL - RÉGLAGE DU SUPPORT CENTRAL

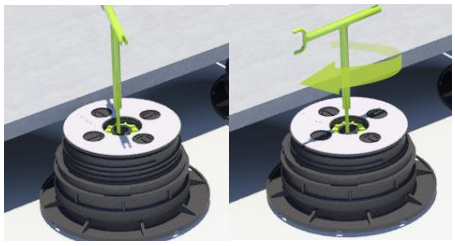
En cas de différence de niveau entre les carrelages posés, il est possible de contrôler la hauteur des supports en enlevant un carrelage et en vérifiant le support central.





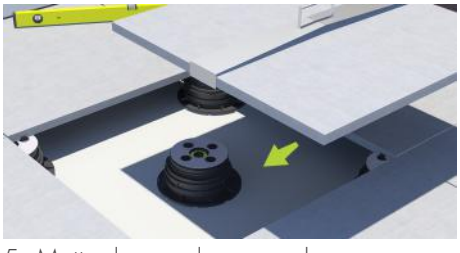
1. Soulever le carrelage concerné.

2. Placer le support au niveau des dalles adjacentes afin de pouvoir en modifier correctement la hauteur.

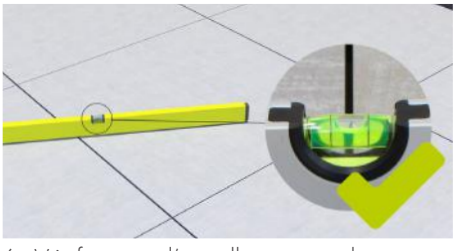


3. Utiliser la clé SUPAK pour modifier la hauteur du support.

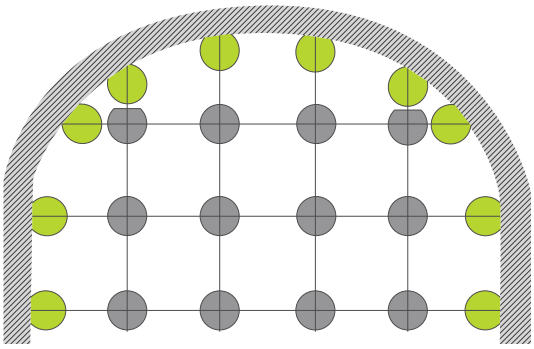
4. Une fois la hauteur correcte atteinte, placer de nouveau le support au centre.

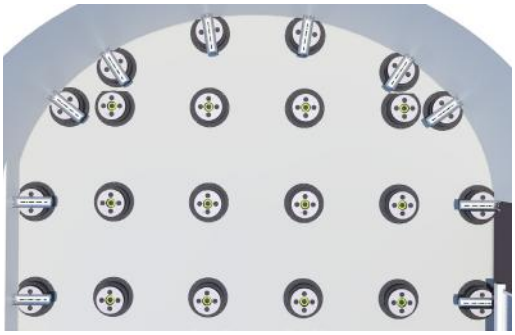


5. Mettre le carrelage en place.



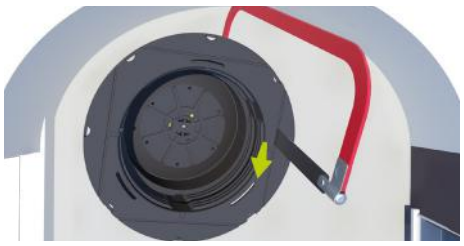
6. Vérifier que l'installation est de niveau.





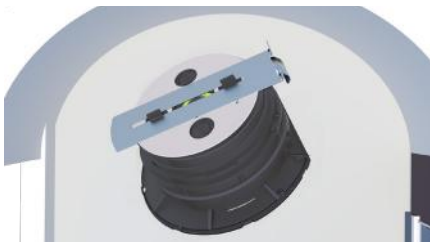
Il est suggéré d'utiliser un gabarit de positionnement avant de procéder à la pose.

Il est important que les carrelages coupés le long du mur soient appuyés solidement sur tous les coins.



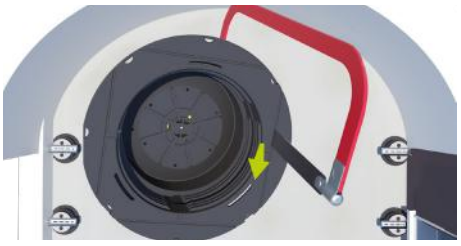
1. Couper l'un des côtés du support.

2. Retirer les deux ailettes parallèles à la coupe de l'embase.

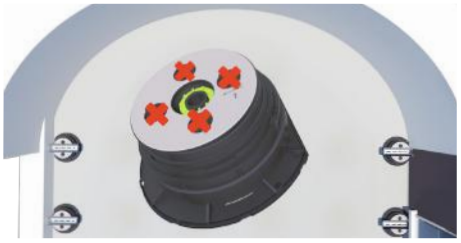


3. Placer la cale SUPACLPP perpendiculairement au mur.

4. Mettre les supports aux emplacements indiqués sur le plan.



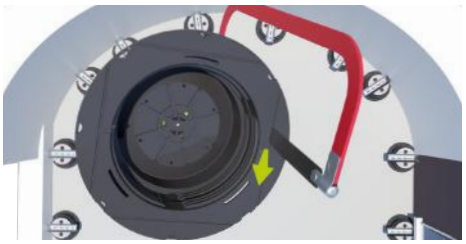
5. Couper l'un des côtés du support.



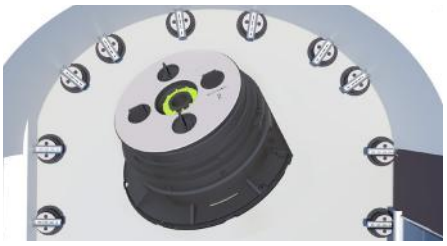
6. Retirer toutes les ailettes présentes sur la tête.

7. Placer la cale SUPACLPP perpendiculairement au mur.

8. Mettre les supports aux emplacements indiqués sur le plan.



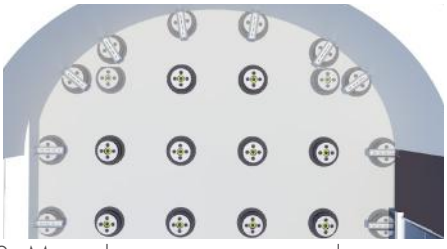
9. Couper l'un des côtés du support.



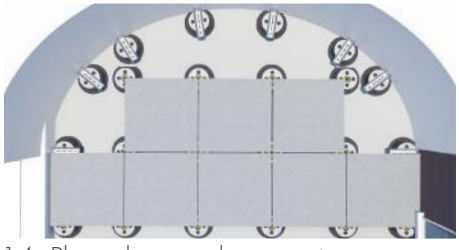
10. Maintenir les quatre ailettes.

11. Mettre les supports aux emplacements indiqués sur le plan.

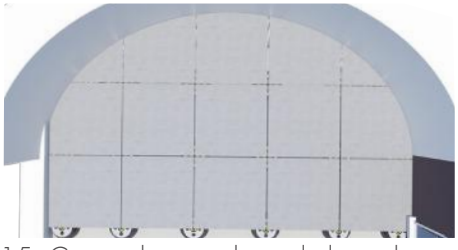
12. Maintenir l'intégrité de l'ensemble du support.



13. Mettre les supports aux emplacements indiqués sur le plan.



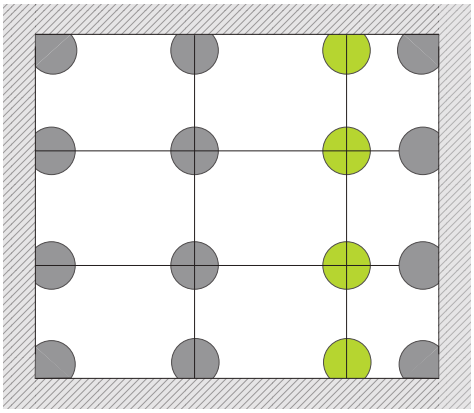
14. Placer les carrelages entiers en suivant le schéma de pose.

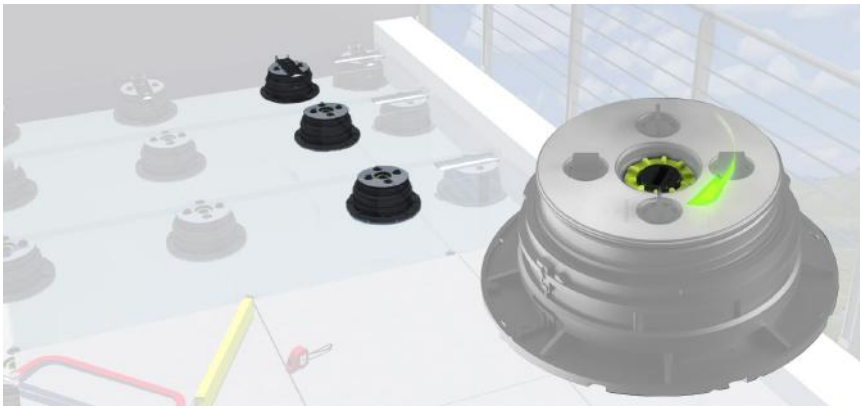


15. Couper les carrelages le long du mur à la forme correcte et les poser en suivant le schéma de pose.

C. CAS SPÉCIAL - CHARGE DUE À UN POIDS DÉSÉQUILIBRÉ

N'utiliser le système à tête fixe que pour les supports soumis à une charge due à un poids déséquilibré.
Exemple: terrasse fermée sur les quatre côtés et réalisée avec des carrelages de 60x60 cm - 24" x 24". Lorsqu'est nécessaire de réduire la taille de la dernière rangée de carrelage, les supports qui supportent à la fois les carrelages de 60x60 cm - 24" x 24" et les carrelages coupés doivent être réglés en mode tête fixe.



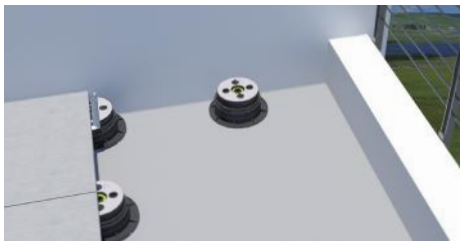


N.B. = Si le sol est incliné, utiliser les disques SUPL2 ou SUPL3 pour les supports en mode tête fixe.

SUPL2
épaisseur de
2 mm - 3/32"

SUPL3
épaisseur de
3 mm - 1/8"

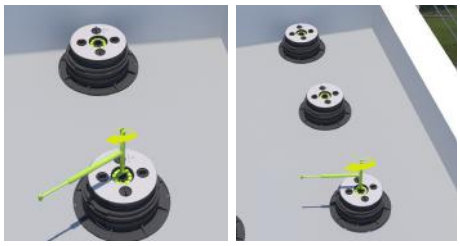
1. Couper l'un des côtés du support.



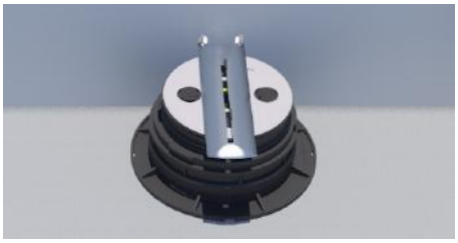
2. Placer le support avec le côté découpé au contact du mur.

3. Retirer les deux ailettes parallèles au mur.

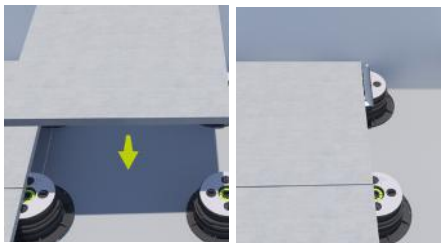
4. Fixer le support en mode «tête fixe» en vissant l'écrou dans le sens des aiguilles d'une montre.



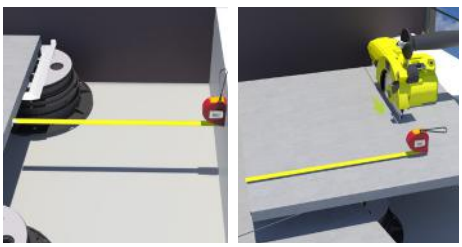
5. Placer le reste des supports et en fixer la tête en vissant l'écrou.



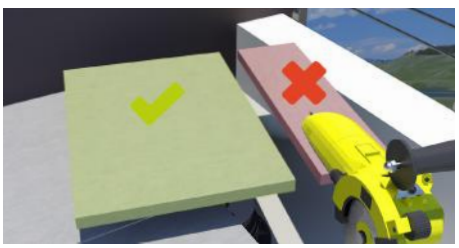
6. Placer la cale SUPACLPP.



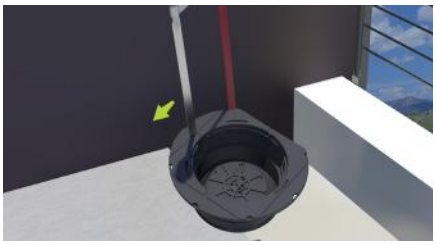
7. Poser les carrelages.



8. Poser les carrelages.

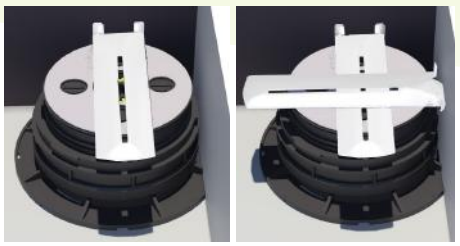


9. Couper le carrelage.

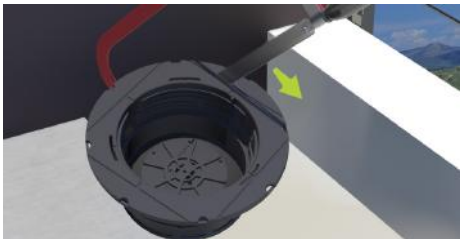


10. Couper deux côtés du support.

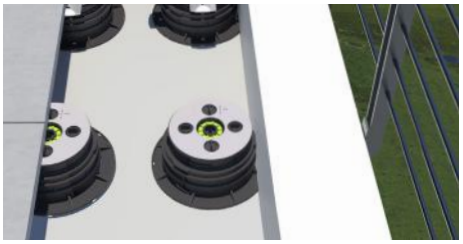
11. Placer le support en angle et retirer l'ensemble des 4 ailettes.



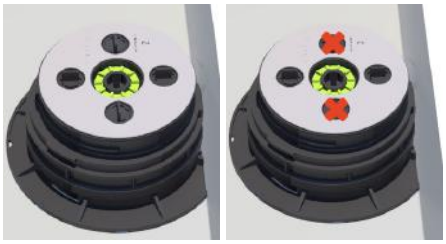
12. Placer deux cales d'écartement SUPACLPP perpendiculaires entre elles.



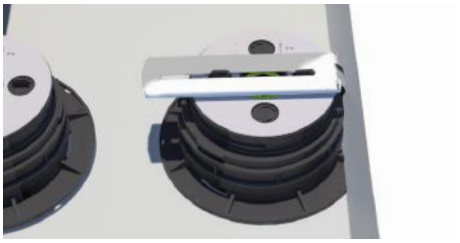
13. Couper l'un des côtés du support.



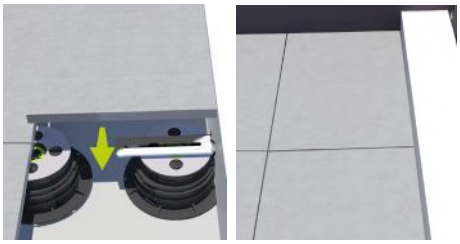
14. Placer le support avec le côté découpé au contact du mur.



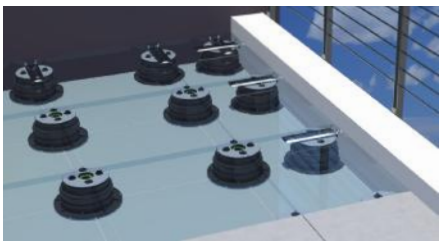
15. Retirer les deux ailettes parallèles au mur.



16. Placer la cale d'écartement SUPACLPP.



17. Mettre les carrelages en place.

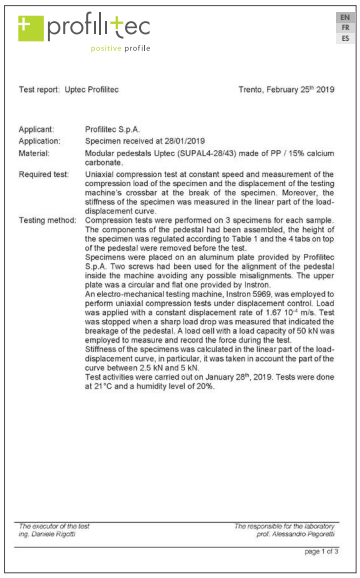


18. Schéma de positionnement des supports.

Essais exécutés par le Département de génie industriel de l'Université de Trente.

Le tableau ci-dessous montre les valeurs de la charge de rupture obtenues en soumettant les supports à différentes conditions d'essai: avec une tête fixe ou autonivelante, avec une surface d'appui plane ou inclinée et dans différentes conditions de température et de vitesse d'application de la charge.

Modèle	Hauteur		Tête	Plan	Température		Vitesse		Charge de rupture	
	mm	in			°C	°F	mm/min	in/min	kN	lbF
SUPAL-28/43	43	1-11/16	FIXE	HORIZONTAL	21	69.8	10	3/8	15.58 ± 0.54	3502.52 ± 121.4
SUPAL-28/43	43	1-11/16	BASCULANTE	INCLINÉ	21	69.8	10	3/8	13.93 ± 0.24	3131.59 ± 211
SUPAS-58/88	88	3-15/32	FIXE	HORIZONTAL	21	69.8	100	4	14.48 ± 0.89	3255.23 ± 200
SUPAS-508/538	538	21-3/16	BASCULANTE	INCLINÉ	21	69.8	100	4	13.67 ± 0.90	3073.14 ± 202.33
SUPAS-58/88	88	3-15/32	FIXE	HORIZONTAL	-20	-4	100	4	21.86 ± 0.97	4914.32 ± 218.06
SUPAS-58/88	88	3-15/32	FIXE	HORIZONTAL	80	176	100	4	5.31 ± 0.48	1193.74 ± 107.91


profilitec
positive profile

Test report: Uptec Profilitec — Trento, February 25th 2019

Applicant: Profilitec S.p.A.
Application: Specimen received at 28/01/2019
Material: Modular pedestals Uptec (SUPAL4-28/43) made of PP / 15% calcium carbonate.
Required test: Uniaxial compression test at constant speed and measurement of the compression load of the specimen and the displacement of the testing machine's crossbar at the break of the specimen. Moreover, the stiffness of the specimen was measured in the linear part of the load-displacement curve.
Testing method: Compression tests were performed on 3 specimens for each sample. The components of the pedestal had been assembled, the height of the specimen was regulated according to Table 1 and the 4 tabs on top of the pedestal were removed before the test.
Specimens were placed on an aluminum plate provided by Profilitec S.p.A. Two screws had been used for the alignment of the pedestal inside the machine avoiding any possible misalignments. The upper plate was a circular and flat one provided by Instron.
An electro-mechanical testing machine, Instron 5969, was employed to perform uniaxial compression tests under displacement control. Load was applied with a constant displacement rate of 1.67 10⁻² m/s. Test was stopped when a sharp load drop was measured that indicated the breakage of the pedestal. A load cell with a load capacity of 50 kN was employed to measure and record the force during the test.
Stiffness of the specimens was calculated in the linear part of the load-displacement curve, in particular, it was taken in account the part of the curve between 2.5 kN and 5 kN.
Test activities were carried out on January 28th, 2019. Tests were done at 21°C and a humidity level of 20%.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 1 of 3

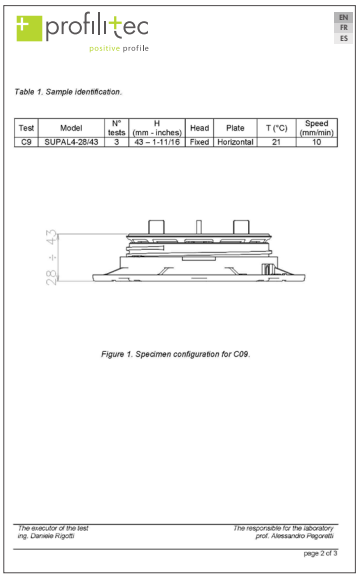

profilitec
positive profile

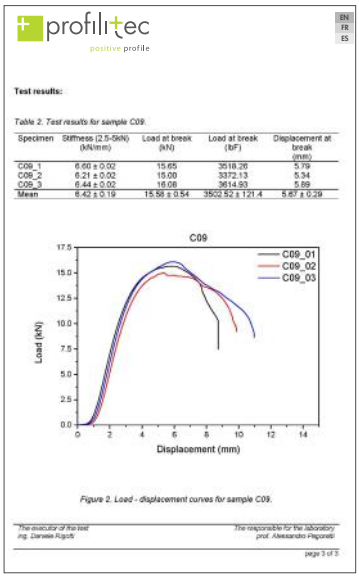
Table 1. Sample identification.

Test	Model	N° tests	H (mm - inches)	Head	Plate	T (°C)	Speed (mm/min)
C9	SUPAL4-28/43	3	43 – 1-11/16	Fixed	Horizontal	21	10

Figure 1. Specimen configuration for C09.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 2 of 3


profilitec
positive profile

Test results:

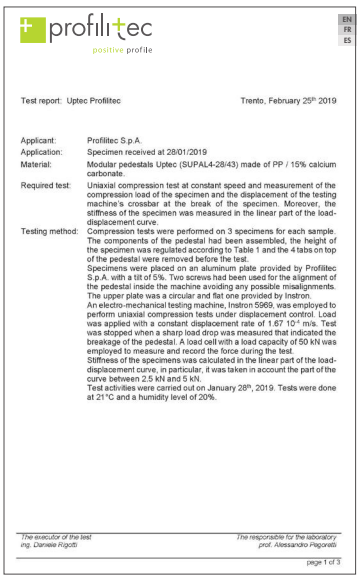
Table 2. Test results for sample C09.

Specimen	Stiffness (2.5-5kN) (kN/mm)	Load at break (kN)	Load at break (lbF)	Displacement at break (mm)
C09_1	6.60 ± 0.02	15.65	3518.26	5.79
C09_2	6.21 ± 0.02	15.00	3372.13	5.54
C09_3	6.44 ± 0.02	16.06	3614.93	5.89
Mean	6.42 ± 0.19	15.58 ± 0.54	3502.52 ± 121.4	5.67 ± 0.29

Figure 2. Load - displacement curves for sample C09.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 3 of 3


profilitec
positive profile

Test report: Uptec Profilitec — Trento, February 25th 2019

Applicant: Profilitec S.p.A.
Application: Specimen received at 28/01/2019
Material: Modular pedestals Uptec (SUPAL4-28/43) made of PP / 15% calcium carbonate.
Required test: Uniaxial compression test at constant speed and measurement of the compression load of the specimen and the displacement of the testing machine's crossbar at the break of the specimen. Moreover, the stiffness of the specimen was measured in the linear part of the load-displacement curve.
Testing method: Compression tests were performed on 3 specimens for each sample. The components of the pedestal had been assembled, the height of the specimen was regulated according to Table 1 and the 4 tabs on top of the pedestal were removed before the test.
Specimens were placed on an aluminum plate provided by Profilitec S.p.A. with a tilt of 5%. Two screws had been used for the alignment of the pedestal inside the machine avoiding any possible misalignments. The upper plate was a circular and flat one provided by Instron.
An electro-mechanical testing machine, Instron 5969, was employed to perform uniaxial compression tests under displacement control. Load was applied with a constant displacement rate of 1.67 10⁻² m/s. Test was stopped when a sharp load drop was measured that indicated the breakage of the pedestal. A load cell with a load capacity of 50 kN was employed to measure and record the force during the test.
Stiffness of the specimens was calculated in the linear part of the load-displacement curve, in particular, it was taken in account the part of the curve between 2.5 kN and 5 kN.
Test activities were carried out on January 28th, 2019. Tests were done at 21°C and a humidity level of 20%.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 1 of 3

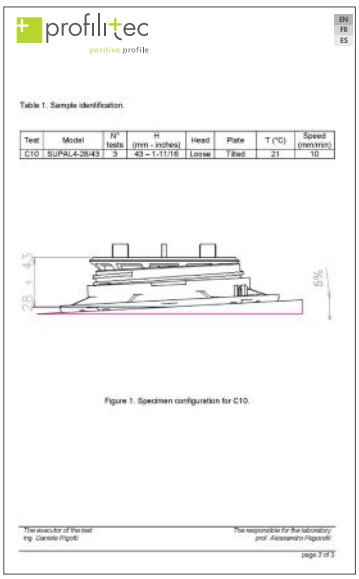

profilitec
positive profile

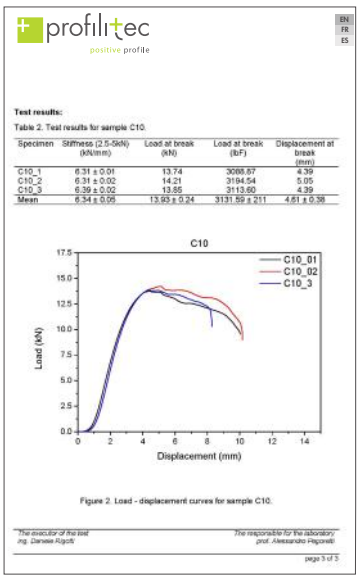
Table 1. Sample identification.

Test	Model	N° tests	H (mm - inches)	Head	Plate	T (°C)	Speed (mm/min)
C10	SUPAL4-28/43	3	43 – 1-11/16	Loose	Tilted	21	10

Figure 1. Specimen configuration for C10.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 2 of 3


profilitec
positive profile

Test results:

Table 2. Test results for sample C10.

Specimen	Stiffness (2.5-5kN) (kN/mm)	Load at break (kN)	Load at break (lbF)	Displacement at break (mm)
C10_1	6.31 ± 0.01	13.74	3088.67	4.39
C10_2	6.31 ± 0.02	14.21	3194.54	5.05
C10_3	6.39 ± 0.02	13.85	3113.60	4.39
Mean	6.34 ± 0.09	13.93 ± 0.24	3131.59 ± 211	4.61 ± 0.38

Figure 2. Load - displacement curves for sample C10.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 3 of 3

uptec® Manual

DE

Uptec ist ein universeller, verstellbarer Träger für den Bau von erhöhten Böden im Außenbereich und eignet sich besonders zum Verlegen von 2 cm dicken Keramikfliesen. Uptec startet die Revolution **3 in 1**, 3 Artikel (3 Basiscodes: **SUPAL, SUPAS** und **SUPAR**) in nur einem System. Zu den 3 Produkten kommen 3 Zubehörteile dazu (3 Codes: **SUPA2, SUPA4** und **SUPAW**) für Standardmontagen (für Fugen von 2 bis 4 mm) oder für Holzbalken und Aluminiumvierkantrohre. Das Zubehör ist auswechselbar und besteht aus Gummi, um ein geräuscharmes und rutschfestes System zu garantieren. Mit Uptec kann die gewünschte Höhe erreicht werden, in dem **SUPAR**-Ringe hinzugefügt werden und in dem vom Aufbau mit selbstnivellierendem Kopfstück durch einen Sperrring auf den feststehenden Aufbau übergegangen wird.

Gestaltungsbeispiel: SUPAS+SUPAR+SUPA2 für eine Höhe von 58-88 mm.

3 in 1

Ein innovatives 3-in-1-System für die Ausführung verschiedener Höhen mit nur einem Produkt.

SUPAR

Den SUPAR-Ring hinzufügen oder entfernen, um die Höhe des Trägers zu verändern.

Selbstnivellierend

Feststehend

Ein einfacher Mechanismus, um vom selbstnivellierenden zum feststehenden Kopf überzugehen.

INDEX

DE

3 PRODUKTE

SUPAL
Niedriges stelzlager

28÷43 mm

SUPAS
Standard stelzlager

43÷58 mm

SUPAR
Ring fur stelzlager

+ 30 mm

3 OPTIONEN + REGULIERSCHLÜSSEL

SUPA2
Zur Verlegung von Keramikfliesen

Abstandshalter für 2 mm Fuge

SUPA4
Zur Verlegung von Keramikfliesen mit Aluminiumvierkantroh

Abstandshalter für 4 mm Fuge

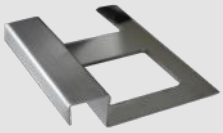
SUPAW
Zur Verlegung mit Holzbalken

SUPAK
3-Funktionen-Schlüssel

Für eine Mindestfuge von 4 mm

SONSTIGES ZUBEHÖR UND PERFIL

BSJ
Abschlussprofil



L = 2,70 m

BSR
Abschlussprofil

L = 2,70 m

BST20
Abschlussprofil

SUPL2 - SUPL3
Ausgleichsscheibe

2 und 3 mm

SUPCLPP
Randabstandshalter

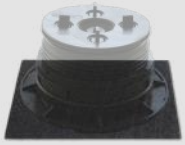
SUPACLPB
Vertikaler Randclip - Basis

SUPACLPT
Vertikaler Randclip - Kopf

SUPAR120
Ring fur stelzlager

120 mm

SUPATG
Gummimatte

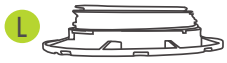
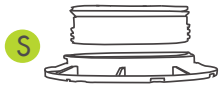
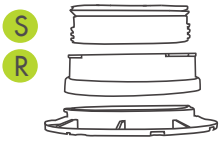
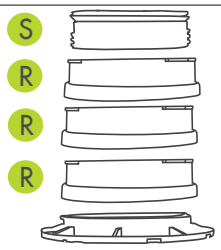


198 x 198 mm

UPTEC - universell verwendbares Stelzlager für erhöhte Böden - Komponenten	
ART.	BESCHREIBUNG
SUPAL	Niedriges Stelzlager 28÷43 mm
SUPAS	Standard Stelzlager 43÷58 mm
SUPAR	Ring für Stelzlager +30 mm

UPTEC - Basis optionen	
ART.	BESCHREIBUNG
SUPA2	Abstandshalter für 2 mm Fuge Zur Verlegung von Keramikfliesen
SUPA4	Abstandshalter für 4 mm Fuge - auch geeignet für Aluträger
SUPAW	Abstandshalter für Holzträger

UPTEC - Zusätzliches optionen	
ART.	BESCHREIBUNG
SUPAR120	Ring für Stelzlager 120 mm
SUPAK	3-Funktionen-Schlüssel
SUPL2	Ausgleichsscheibe 2 mm
SUPL3	Ausgleichsscheibe 3 mm
SUPACLPP	Randabstandshalter-Clip für Mauerabstand
SUPACLPT	Vertikaler Randclip - Kopf
SUPACLPB	Vertikaler Randclip - Basis
BSJ + BSJE	Abschlussprofil + Verbinder
BSR + BSRE + BSRG	Abschlussprofil + Ausseneck + Verbinder
BST + BSTE	Abschlussprofil + Verbinder
SUPATG	Gummimatte 198x198x3 mm

28-43 mm	43-58 mm	58-88 mm	88-118 mm	118-148 mm
 SUPAL	 SUPAS	 SUPAS + 1 SUPAR	 SUPAS + 2 SUPAR	 SUPAS + 3 SUPAR
2 4 W	2 4 W	2 4 W	2 4 W	2 4 W

UPTEC - Set Stelzlager mit 2 mm Fuge (schon zusammengestellt)	
ART.	BESCHREIBUNG
SUPAL2-28/43	Set Stelzlager + Abstandshalter 2 mm Fuge
SUPAS2-43/58	Set Stelzlager + Abstandshalter 2 mm Fuge
SUPAS2-58/88	Set Stelzlager + Abstandshalter 2 mm Fuge
SUPAS2-88/118	Set Stelzlager + Abstandshalter 2 mm Fuge
SUPAS2-118/148	Set Stelzlager + Abstandshalter 2 mm Fuge

UPTEC - Set Stelzlager mit 4 mm Fuge (schon zusammengestellt)	
ART.	BESCHREIBUNG
SUPAL4-28/43	Set Stelzlager + Abstandshalter 4 mm Fuge
SUPAS4-43/58	Set Stelzlager + Abstandshalter 4 mm Fuge
SUPAS4-58/88	Set Stelzlager + Abstandshalter 4 mm Fuge
SUPAS4-88/118	Set Stelzlager + Abstandshalter 4 mm Fuge
SUPAS4-118/148	Set Stelzlager + Abstandshalter 4 mm Fuge

SUPAANG
Aluminiumschiene

L = 2,40 m

ZUBEHÖR

SUPAJG
Verbinder für Aluschiene

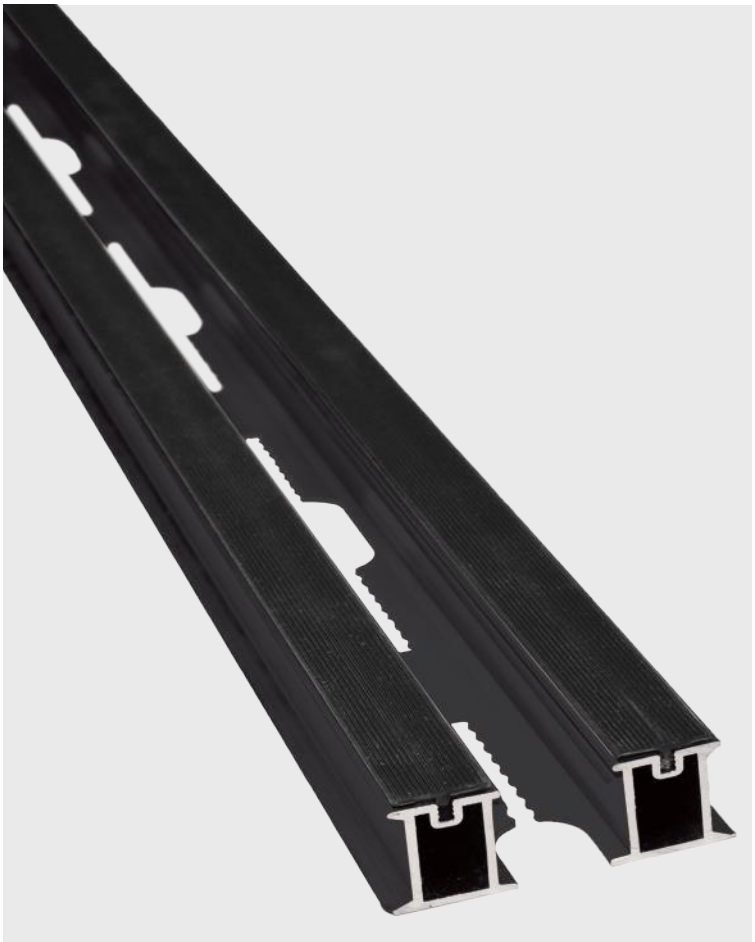
SUPDG
Abstandhalter zwischen den Fliesen

Fugenkreuz 4 mm

SUPACLPPT
Randabstandshalter - Aluminiumschiene

SUPCLIPG
Seitliche und zentrale Clips

UPTEC - universell verwendbares Stelzlager für erhöhte Böden - Komponenten	
ART.	BESCHREIBUNG
SUPAANG240	Aluminiumschiene (L: 2,40 m)
SUPAANGB240	schwarze Aluminiumschiene (L: 2,40 m)
UPTEC - Zusätzliches optionen	
ART.	BESCHREIBUNG
SUPDG	Abstandshalter (4 mm)
SUPAJG	Verbinder für Aluschiene
SUPCLIPG	Seitliche und zentrale Clips
SUPACLPPT	Randabstandshalter - Aluminiumschiene



SUPAS

43÷58 mm

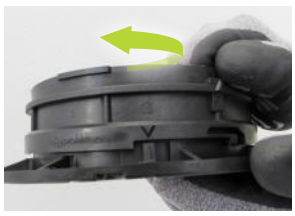
SUPAS 1 SUPAR

58÷88 mm

MERKE: Auf die Zeichen achten, die sich am unteren Teil von SUPAR und an der Basis befinden.

OFFEN

GESCHLOSSEN



SUPAR

+30 mm

MERKE. Auf die Zeichen achten, die sich am unteren Teil des zusätzlichen SUPARs und am oberen Teil des darunter liegenden SUPARSs befinden.

OFFEN

GESCHLOSSEN

SUPA 2/4/W

SUPAS

43÷58 mm

DRÜCKEN

SUPAS 1 SUPAR

58÷88 mm

DRÜCKEN

ANHEBEN

SUPAR

- 30 mm

ANHEBEN

SUPA 2/4/W

ABHÄNGEN

SUPAK

VERWENDUNG DES REGULIERSCHLÜSSELS: 3 FUNKTIONEN

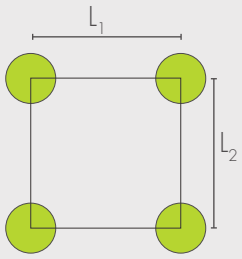
SCHÄTZUNG DER MENGE - st/m²

Die Anzahl der zu verwendenden Unterlagen hängt von der Art der Qualität und der Abmessungen der verwendeten Fliesen ab, von der statischen (z.B. Punktbelastung, wie ein Blumentopf) und der dynamischen (z.B. Personenverkehr) Belastung, welche die Träger zu stützen haben.

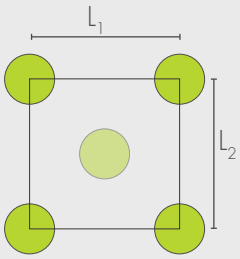
Profilitec empfiehlt, sich mit dem Fußbodenhersteller in Verbindung zu setzen, um die Tragfähigkeit der einzelnen Fliese zu erfahren.

Formeln zur Berechnung der Trägeranzahl pro Quadratmeter, wobei Fliesen mit einer Stärke von 2 cm in Betracht gezogen wurden (bei größeren Stärken, sich mit dem Unternehmen in Verbindung setzen, um die korrekte Tragfähigkeit zu berechnen).

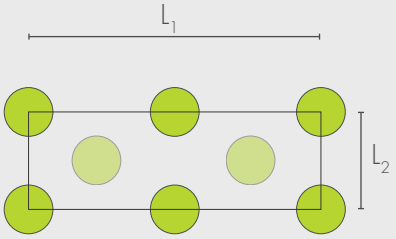
$(1 : L_1 : L_2) = st/m2$



$(1 : L_1 : L_2) \times 2 = st/m2$
mit zentralem Träger



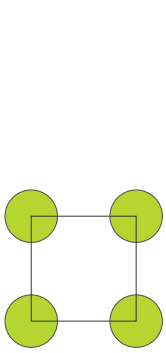
$(1 : L_1/2 : L_2) = st/m2$

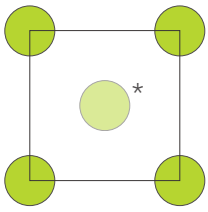


Merke: Bei der Formel werden die Randteile nicht in Betracht gezogen. Um eine genauere Berechnung zu erzielen, zur Berechnung der St./m2 die Hälfte der Stückzahl hinzufügen, die sich aus der Berechnung des Umfangs ergeben.
Wir empfehlen, sich bei besonderen Anwendungen mit dem Unternehmen in Verbindung zu setzen.
Maximaler Abstand 60 cm.

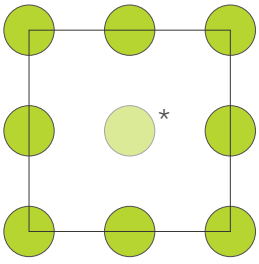
BEISPIELE VON VERLEGUNGSSCHEMEN MIT FLIESEN

* den mittleren Träger bei Anwendung im öffentlichen Raum / bei hohen Lasten oder Höhen

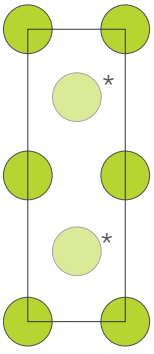

40x40 cm



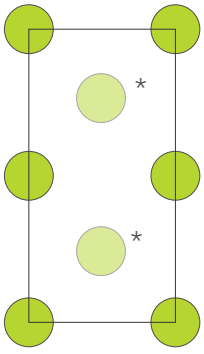
60x60 cm



80x80 cm



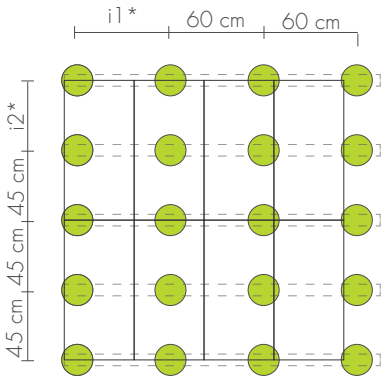
40x120 cm



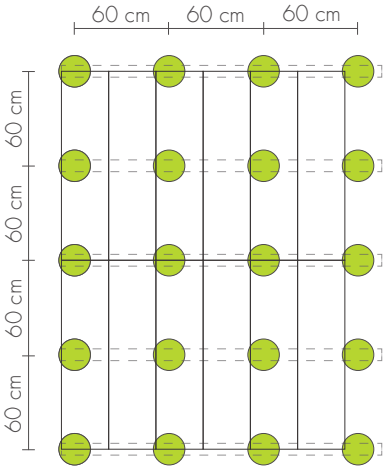
60x120 cm

BEISPIELE VON VERLEGUNGSSCHEMEN MIT BALKEN

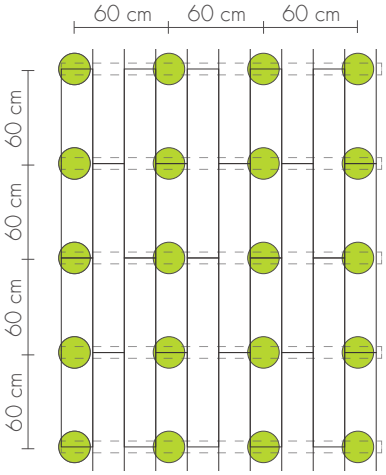
* Bei Formel L1 und L2 mit Abstand i1 und i2 auswechseln, daher: (1 : i1 : i2) = St./m2



45x90 cm



30x120 cm



VORBEREITENDE MASSNAHMEN

1. Bevor mit der Montage begonnen wird, überprüfen, dass sich das Material in einem **optimalen Zustand** befindet.

2. Die erreichbare Mindesthöhe beträgt **48 mm** (Minimum Höhe SUPAL = 28 mm + Fliesenstärke = 20 mm)

EIGENSCHAFTEN DES UNTERGRUNDS

3. Die **Oberfläche** auf die das Produkt verlegt wird, muss vollkommen **sauber**, frei von Flüssigkeiten, Schmutz oder Fremdstoffen sein.

4. Die Träger auf Beton, Zement, EPDM, Gummi, einschichtige Lagen oder andere Abdecksysteme verlegen oder direkt auf Isoliermaterial, wobei die Druckwiderstandsfähigkeit des Auflagematerials zu prüfen ist.

5. Überprüfen, dass die Oberfläche der Verlegung mit den Angaben der Zeichnung übereinstimmt und dass ein geeignetes Drainagesystem vorhanden ist.

EMPFEHLUNGEN

6. Uptec darf nur in Bereichen mit **Personenverkehr** verwendet werden.

7. **Nicht** mehr als **zwei aufeinander folgende** Seiten des Trägers abschneiden. Anderenfalls das Unternehmen kontaktieren.

8. Die **seitlichen Bewegungen** der Installation dürfen 3 mm nicht überschreiten.

9. **Bei Höhen von über 40 cm**, sich mit einem berechtigten Fachmann in Verbindung setzen und die Tragfähigkeit prüfen lassen.

10. Überprüfen, dass nach dem Verlegen keine **Gefahrenelemente** vorhanden sind.

ANORDNUNGEN ZUR PRODUKTVERLEGUNG

11. Der **maximale Abstand** zwischen zwei Trägern darf **60 cm** nicht überschreiten.

12. Die Installation muss auf allen Seiten durch Wände oder durch seitliche **Verschlusssystem** (Clips oder Profile) geschlossen sein.

13. Die Trägerhöhe bestimmen, in dem von der endgültigen Bodenhöhe, die Fliesenstärke abgezogen wird.

14. Bevor der Boden verlegt wird, die zusammengebauten und auf der richtigen **Höhe eingestellten Träger,** positionieren.

15. Nach der Verlegung jeder Fliese die **Bodenausrichtung überprüfen** und die Trägerhöhe regulieren (es wird empfohlen, den SUPAK-Schlüssel zu verwenden).

16. **Selbstnivellierende** Anwendung: Böden mit ausgeglichener Belastung auf den Trägern.
Feststehende Anwendung: bei unausgeglichener Belastung der Träger (z.B.: Rand der Anwendung mit zugeschnittenen Fliesen). Um den Träger zu befestigen, den grünen Ring auf den Trägerkopf schrauben.

PRODUKTZUSTAND

17. Das Material in der **Originalverpackung** aufbewahren.

18. Das Material wird in Pappkartons geliefert, die in einem trockenen Raum aufzubewahren sind, ohne dass sie mit **Regen oder Abfall** in Kontakt kommen.

19. Die Produkte beim Verlegen vor möglichen Schäden schützen. **Beschädigte Produkte** vorher **austauschen** oder reparieren.

20. Die Produkte in Übereinstimmung mit den oben aufgeführten Anleitungen übergeben, lagern und handhaben.

MONTAGEBAUTEILE

BASISELEMENTE

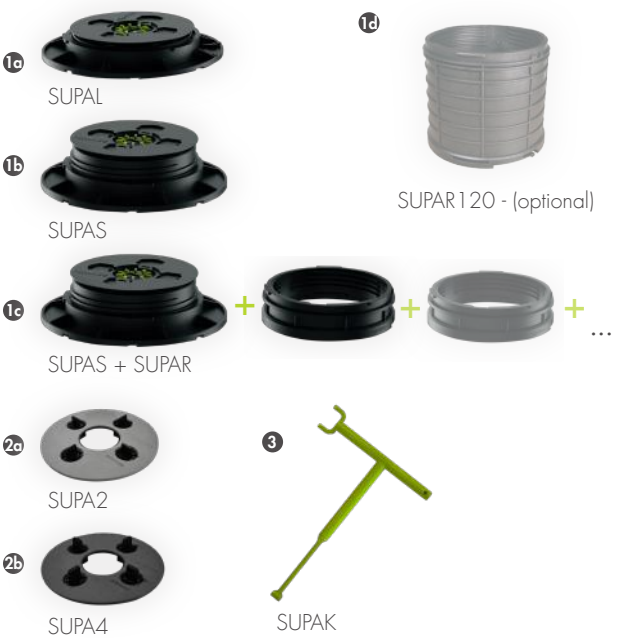
Abstandshalter je nach Anforderung zwischen folgenden Artikeln auswählen:

- 1a SUPAL - 28÷43 mm
- 1b SUPAS - 43÷58 mm
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm
- 1d SUPAR120 - (optional)

Den Flügel je nach Bedarf auswählen unter:

- 2a SUPA2 - Abstandshalter 2 mm
- 2b SUPA4 - Abstandshalter 4 mm

- 3 3-Funktionen-Einstellschlüssel

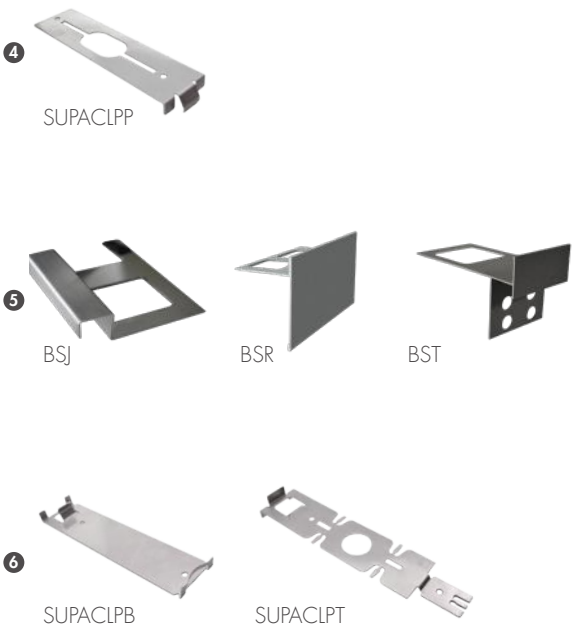


ZUBEHÖR RAND

- 4 Randabstandshalter

- 5 * Abschlussprofilen

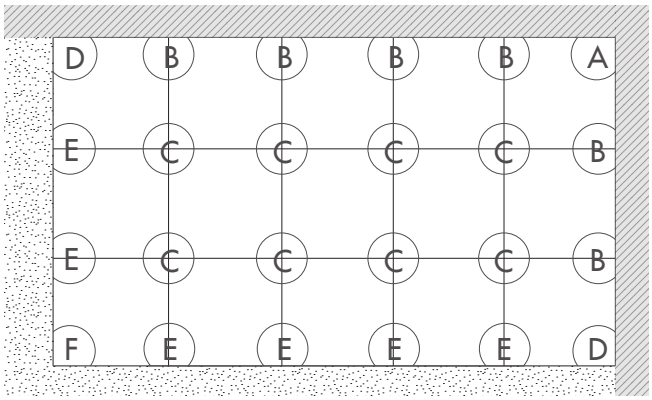
- 6 *Clips für vertikalen Abschluss – Basis und Kopf



WEITERE NOTWENDIGE HILFSMITTEL

- 7 Handsäge
- 8 Maßband
- 9 Wasserwaage

ANWENDUNGSSCHEMA STELZLAGER



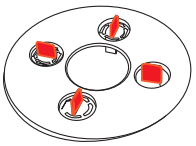
Beispielschema für eine rechteckige, an zwei Seiten offene und an zwei Seiten geschlossene Terrasse. Die jeweilige Nummer bezeichnet die Art des Stelzlagers, dessen Verlegung später im Detail erklärt wird. Die Verlegung muss an allen Seiten durch Wände oder spezielle Systeme für den Randabschluss (Clips oder Profile) abgeschlossen sein.

Beispiel mit Fliese der Größe 50x50 cm.
Bei größeren Fliesen wird empfohlen einen mittleren Träger hinzuzufügen.

POSITIONIERUNG STELZLAGER **ECKEN** A

1. Das Basisteil umdrehen und an zwei Seiten entlang der Perforierung abschneiden.

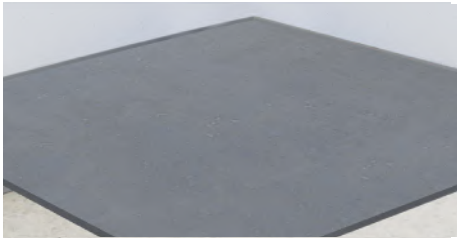
2. Das Stelzlager zusammenbauen und in der Ecke positionieren.



3. Die vier Abstandshalter mit dem Schlüssel SUPAK entfernen.

4. Den Randabstandshalter SUPACLPP mit Kontakt zur Wand anbringen.

5. Einen zweiten Randabstandshalter SUPACLPP über Kreuz mit dem ersten positionieren.

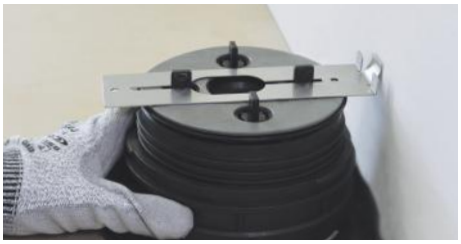


6. Die Platte verlegen.

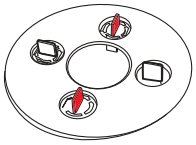
POSITIONIERUNG STELZLAGER **WAND/SEITE** B

7. Das Basisteil umdrehen und an einer Seite entlang der Perforierung abschneiden.

8. Das Stelzlager zusammenbauen und mit der abgeschnittenen Seite an der Wand positionieren.



9. Den Randabstandshalter SUPACLPP zwischen den Abstandshaltern des Stelzlagers und mit Kontakt zur Wand anbringen.



10. Die anderen beiden Abstandshalter mit dem Schlüssel SUPAK entfernen.

11. Die Platte verlegen.

12. Die Mitte der Stelzlager entsprechend der Plattengrösse positionieren.
Maximaler Abstand: 60 cm

13. Die Platte verlegen.

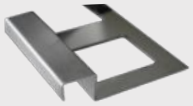
14. Die Eckpunkte der Platte zwischen den Abstandshaltern ablegen.

15. Die anderen Platten positionieren.

16. Überprüfen, ob der Bodenbelag gerade ist.

17. Im Falle einer Abweichung die Höhe mit dem Schlüssel SUPAK nachjustieren.

BSJ

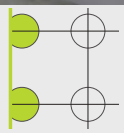


BSJ20IS

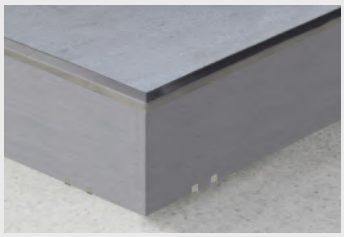
SUPACLPB + SUPACLPP

D

E



F

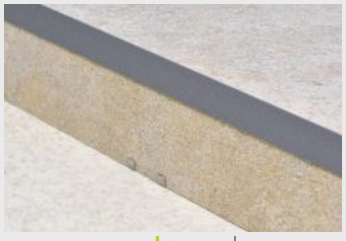


BST

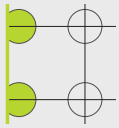
BST20A50

SUPACLPB + SUPACLPP

D



E



F

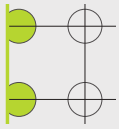
BSR

BSR20/100A50

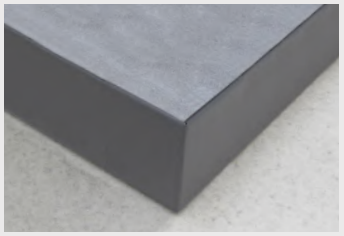
SUPACLPP

D

E



F



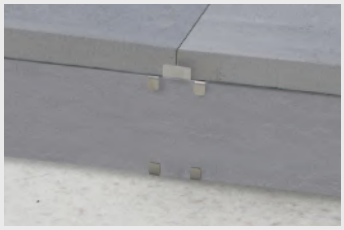
Clip

SUPACLPB

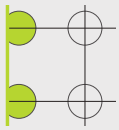
SUPACLPT

SUPACLPP

D

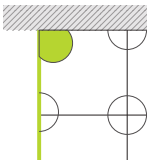


E



F

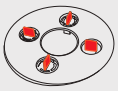
BSJ D



EINBAU **ECK- UND** RANDABSCHLUSSPROFIL **BSJ**

N.B.

Basis auf zwei Seiten abgeschnitten

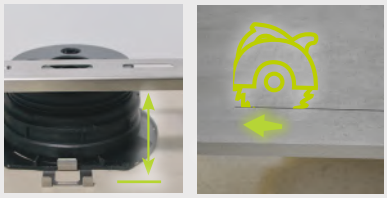


Entfernung der vier Abstandshalter

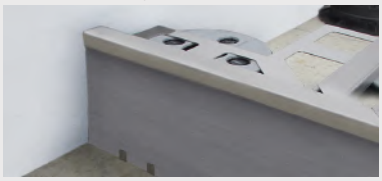
D-1. Den Clip SUPACLPB unter dem Basisteil des Stelzlagers positionieren.

D-2. Das Stelzlager mit einer abgeschnittenen Seite an der Wand und mit der anderen Seite nach außen positionieren.

D-3. Den Randabstandshalter SUPACLPP und das Profil BSJ auf dem Kopf des Stelzlagers positionieren.



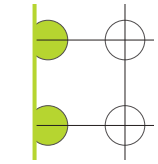
D-4. Die Platte entsprechend dem Abstand zwischen dem Profil BSJ und dem Clip SUPACLPB zuschneiden.



D-5. Das zugeschnittene Stück zwischen dem Profil BSJ und dem Clip SUPACLPB einklemmen.

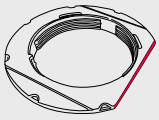
D-6. Die Platte zur Abdeckung verlegen.

BSJ E

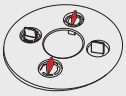


EINBAU **RANDABSCHLUSSPROFIL BSJ**

N.B.

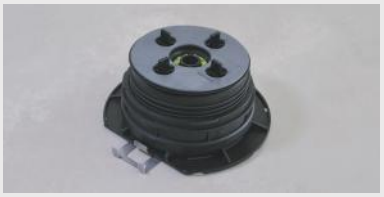


Eine Seite der Basis entfernen



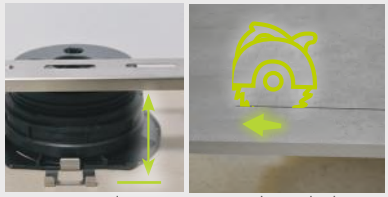
Die beiden Flügel entfernen

E-1. Den Clip SUPACLPB unter dem Basisteil des Stelzlagers positionieren.



E-2. Das Stelzlager mit der abgeschnittenen Seite nach außen positionieren.

E-3. Das Profil BSJ auf dem Kopf des Stelzlagers positionieren

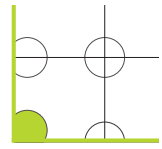


E-4. Die Platte entsprechend dem Abstand zwischen dem Profil BSJ und dem Clip SUPACLPB zuschneiden.

E-5. Das zugeschnittene Sütck zwischen dem Profil BSJ und dem Clip SUPACLPB einklemmen.

E-6. Die Platte zur Abdeckung verlegen.

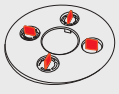
BSJ F



EINBAU **AUSSENECK- UND** RANDABSCHLUSSPROFIL **BSJ**

N.B.

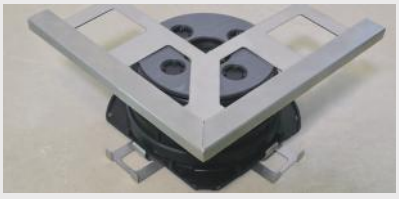
Basis auf zwei Seiten abgeschnitten



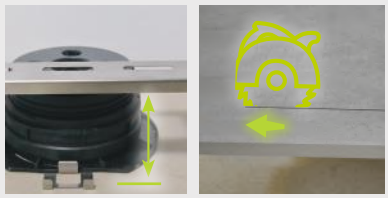
Entfernung der vier Abstandshalter

F-1. Zwei Clips SUPACLPB über Kreuz unter dem Basisteil des Stelzlagers positionieren.

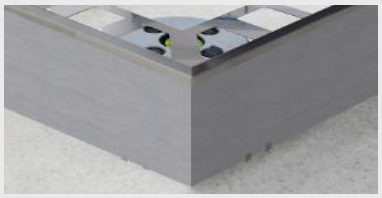
F-2. Das Stelzlager mit den beiden abgeschnittenen Seiten nach außen positionieren.



F-3. Das Außeneckstück BSJE auf dem Kopf des Stelzlagers positionieren und mit dem Profil BSJ verbinden.



F-4. Die Platte entsprechend dem Abstand zwischen dem Profil BSJ und dem Clip SUPACLPB zuschneiden.



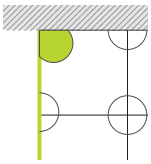
F-5. Das zugeschnittene Stücke zwischen dem Profil BSJ und dem Clip SUPACLPB einklemmen.

F-6. Die Platte zur Abdeckung verlegen.

DE

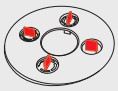
EINBAU **ECK- UND** RANDABSCHLUSSPROFIL **BST**

BST D



N.B.

Basis auf zwei Seiten abgeschnitten

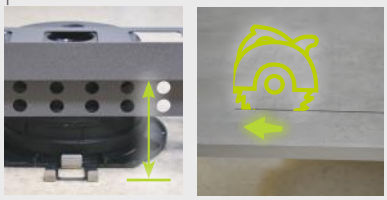


Entfernung der vier Abstandshalter

D-1. Den Clip SUPACLPB unter dem Basisteil des Stelzlagers positionieren.

D-2. Das Stelzlager mit einer abgeschnittenen Seite an der Wand und mit der anderen Seite nach außen positionieren.

D-3. Den Randabstandshalter SUPACLPP und das Profil BST auf dem Kopf des Stelzlagers positionieren.



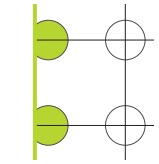
D-4. Die Platte entsprechend dem Abstand zwischen dem Profil BST und dem Clip SUPACLPB zuschneiden.

D-5. Das zugeschnittene Stück zwischen dem Profil BST und dem Clip SUPACLPB einklemmen.

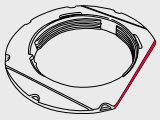
D-6. Die Platte zur Abdeckung verlegen.

EINBAU **RANDABSCHLUSSPROFIL BST**

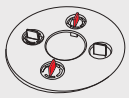
BST E



N.B.



Eine Seite der Basis entfernen

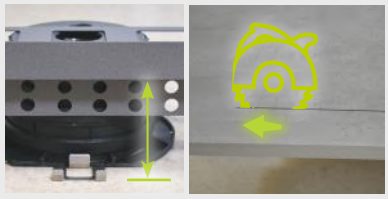


Die beiden Flügel entfernen

E-1. Den Clip SUPACLPB unter dem Basisteil des Stelzlagers positionieren.

E-2. Das Stelzlager mit der abgeschnittenen Seite nach außen positionieren.

E-3. Das Profil BST auf dem Kopf des Stelzlagers positionieren



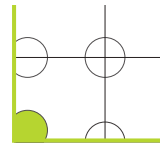
E-4. Die Platte entsprechend dem Abstand zwischen dem Profil BST und dem Clip SUPACLPB zuschneiden.

E-5. Das zugeschnittene Sütck zwischen dem Profil BST und dem Clip SUPACLPB einklemmen.

E-6. Die Platte zur Abdeckung verlegen.

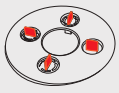
EINBAU **AUSSENECK- UND** RANDABSCHLUSSPROFIL **BST**

BST F



N.B.

Basis auf zwei Seiten abgeschnitten

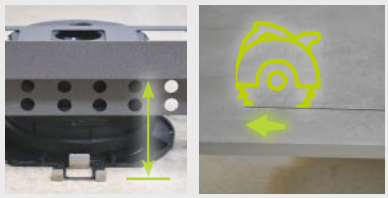


Entfernung der vier Abstandshalter

F-1. Zwei Clips SUPACLPB über Kreuz unter dem Basisteil des Stelzlagers positionieren.

F-2. Das Stelzlager mit den beiden abgeschnittenen Seiten nach außen positionieren.

F-3. Das Außeneckstück BSTE auf dem Kopf des Stelzlagers positionieren und mit dem Profil BST verbinden.

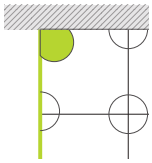


F-4. Die Platte entsprechend dem Abstand zwischen dem Profil BST und dem Clip SUPACLPB zuschneiden.

F-5. Das zugeschnittene Stücke zwischen dem Profil BST und dem Clip SUPACLPB einklemmen.

F-6. Die Platte zur Abdeckung verlegen.

BSR D



EINBAU **ECK- UND** RANDABSCHLUSSPROFIL **BSR**

D-1. Das Stelzlager mit einer abgeschnittenen Seite zur Wand und mit der anderen Seite nach außen positionieren.

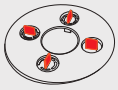
D-2. Den Abstandhalter-Clip SUPACLPP auf den Trägerkopf positionieren.

D-3. Das BSR-Profil auf den Trägerkopf positionieren.

D-4. Die Platte zur Abdeckung verlegen.

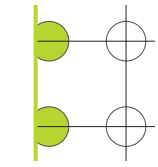
N.B.

Basis auf zwei Seiten abgeschnitten

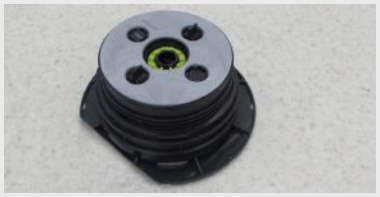


Entfernung der vier Abstandshalter

BSR E



EINBAU **RANDABSCHLUSSPROFIL** BSR



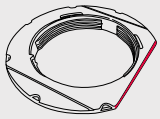
E-1. Das Stelzlager mit der abgeschnittenen Seite nach außen positionieren.

E-2. Das Profil BSR zwischen den Abstandshaltern auf dem Kopf des Stelzlagers positionieren.

E-3. Die Platte zur Abdeckung verlegen.

E-4. Die Platte zur Abdeckung verlegen.

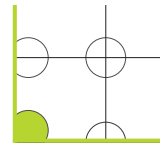
N.B.



Eine Seite der Basis entfernen

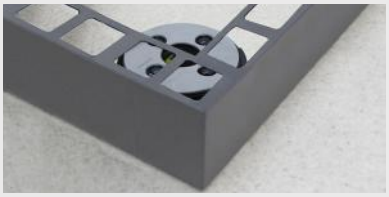
Die beiden Flügel entfernen

BSR F

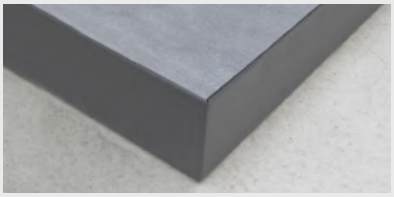


EINBAU **AUSSENECK- UND** RANDABSCHLUSSPROFIL **BSR**

F-1.Das Stelzlager mit den beiden abgeschnittenen Seiten nach außen positionierenv.



F-2. Das Außeneckstück BSRE über das Profil BSR schieben.

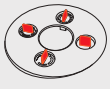


F-3. Die Platte zur Abdeckung verlegen.

Einzelheiten Verbindung BSR + BSRE.

N.B.

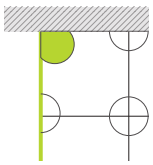
Basis auf zwei Seiten abgeschnitten



Entfernung der vier Abstandshalter

DE

CLIP D



EINBAU DER **BASIS- UND KOPFCLIPS** FÜR **ECK- UND** RANDABSCHLUSS

D-1. Den Clip SUPACLPB unter dem Stelzlager positionieren.

D-2. Das Stelzlager mit einer abgeschnittenen Seiite zur Wand und mit der anderen Seite nach außen positionieren.

D-3. Den Clip SUPACLPP senkrecht zur Wand positionieren. Den Clip für den Kopf SUPACLPT positionieren.

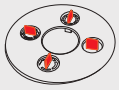
N.B.

Basis auf zwei Seiten abgeschnittenen

D-4. Die Platte entsprechend dem Abstand zwischen den Clips SUPACLPT und SUPACLPB zuschneiden.

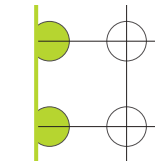
D-5. Das zugeschnittene Stück der Platte zwischen den Clips SUPACLPT und SUPACLPB einklemmen.

D-6. Die Platte zur Abdeckung verlegen.



Entfernung der vier Abstandshalter

CLIP E



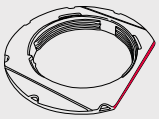
EINBAU **BASIS- UND KOPFCLIPS** FÜR RANDABSCHLUSS

E-1. Den Clip SUPACLPB unter dem Basisteil des Stelzlagers positionieren.

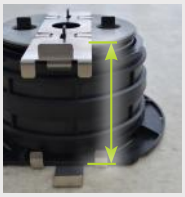
E-2. Das Stelzlager mit der abgeschnittenen Seite nach außen positionieren.

E-3. Den Clip SUPACLPT zwischen den Abstandshaltern am Kopf des Stelzlagers positionieren.

N.B.



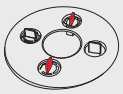
Eine Seite der Basis entfernen



E-4. Die Platte entsprechend dem Abstand zwischen den Clips SUPACLPT und SUPACLPB zuschneiden.

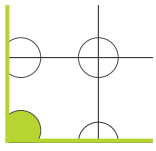
E-5. Das zugeschnittene Stück zwischen den Clips SUPACLPT und SUPACLPB einklemmen.

E-6. Die Platte zur Abdeckung verlegen.



Die beiden Flügel entfernen

CLIP F



EINBAU **BASIS- UND KOPFCLIPS ECKE**

F-1. Zwei Clips SUPACLPB über Kreuz unter dem Basisteil des Stelzlagers positionieren.

F-2. Das Stelzlager mit den beiden abgeschnittenen Seiten nach außen positionieren.

F-3. Zwei Clips SUPACLPT über Kreuz auf dem Kopf des Stelzlagers positionieren.

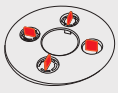
N.B.

Basis auf zwei Seiten abgeschnittenen

F-4. Die Platte entsprechend dem Abstand zwischen den Clips SUPACLPT und SUPACLPB zuschneiden.

F-5. Das zugeschnittene Stück zwischen den Clips SUPACLPT und SUPACLPB einklemmen.

F-6. Die Platte zur Abdeckung verlegen.



Entfernung der vier Abstandshalter

MONTAGEBAUTEILE

BASISELEMENTE

Je nach gewünschter Höhe unter folgenden Artikeln auswählen:

- 1a SUPAL - 28÷43 mm
- 1b SUPAS - 43÷58 mm
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm
- 1d SUPAR120 - (optional)
- 2 SUPA4 - Abstandshalter 4 mm
- 3 Aluminiumschiene L = 2,40 m
- 4 3-Funktionen-Einstellschlüssel


SUPAL

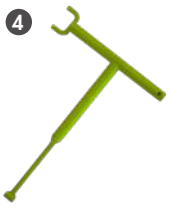

SUPAS


SUPAR120 - (optional)


SUPAS + SUPAR


SUPA4

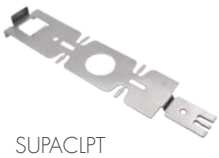

SUPAANG240

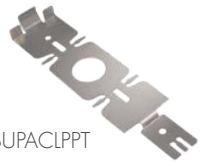

SUPAK

ZUBEHÖR

- 5 Randabstandshalter
- 6 Vertikaler Randclip - Kopf
- 7 Randabstandshalter - Aluminiumschiene
- 8 Fugenkreuz 4 mm
- 9 Verbinder für Aluschiene


SUPACLPP


SUPACLPT


SUPACLPPT

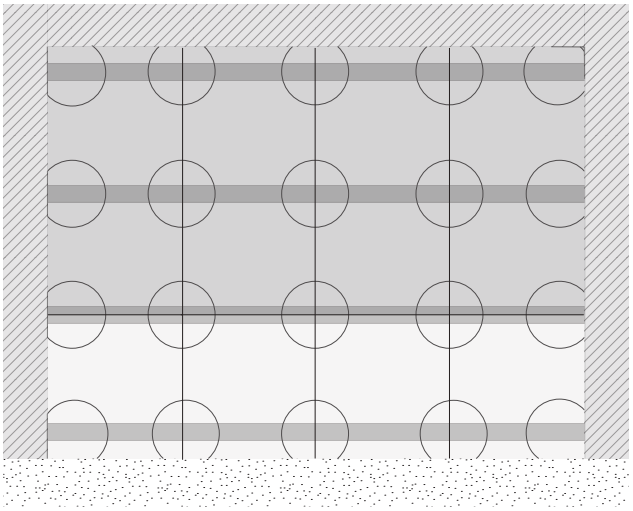

SUPDG


SUPAJG

WEITERE NOTWENDIGE HILFSMITTEL

- 10 Handsäge
- 11 Maßband
- 12 Wasserwaage
- 13 Teppichmesser

ANWENDUNGSSCHEMA STELZLAGER



Beispiel eines Verlegungsschemas für eine rechteckige Terrasse, die auf zwei Seiten geschlossen ist. Der angegebene Buchstabe gibt die Art des Trägers an, dessen Verlegung nachfolgend im Detail beschrieben wird.

Die Verlegung muss an allen Seiten durch Wände oder spezielle Systeme für den Randabschluss (Clips) abgeschlossen sein.

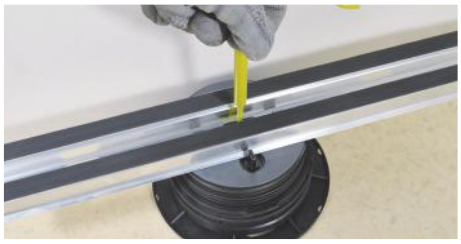
Bei Längen von über 2,40 m, mehrere Vierkantrohre kombinieren, wobei ein Abstand von 5 mm zwischen dem Ende eines Vierkantrohres und dem Anfang des nächsten verbleiben muss oder den dazu bestimmten Verbinder SUPAJG einsetzen.

Maximaler Abstand zwischen den Trägern: 50 oder 60 cm, je nach Länge des Vierkantrohres.

1. Das Basisteil umdrehen und an zwei Seiten entlang der Perforierung abschneiden.

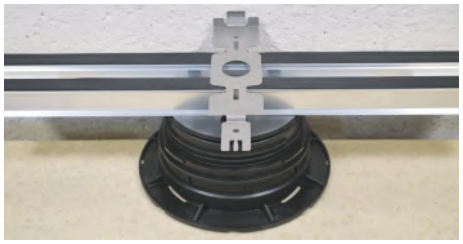
2. Positionieren Sie die Stelzlager an der Wand.

3. Setzen Sie das SUPAANG-Profil zwischen den Abstandhaltern der Stelzlager ein.



4. Nivellieren Sie die Stelzlager mit dem SUPAK-Einstellschlüssel, um eine ebene Oberfläche zu erhalten.

5. Ecke - Positionieren Sie den SUPACLPPT-Abstandshalter senkrecht und parallel zum Profil und in Kontakt mit der Wand.



6. Rand - Positionieren Sie den SUPACLPPT-Abstandshalter senkrecht zum Profil und in Kontakt mit der Wand.

7. Die restlichen Stelzlager positionieren.

8. Positionieren Sie das nächste Stelzlager mit dem SUPACLPPT-Abstandhalter in einem Abstand von der Wand.

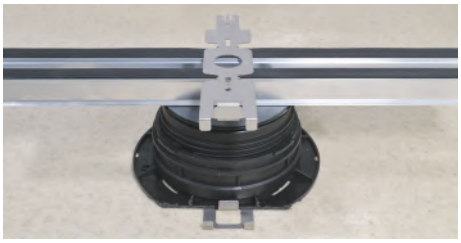
9. Fahren Sie mit der Verlegung des gesamten Bereichs fort.

ABSCHLUSS DER OFFENEN SEITE

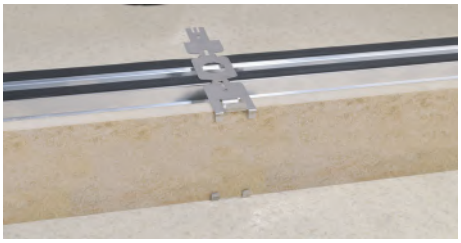
10. Den Clip SUPACLPB unter dem Basisteil des Stelzlagers positionieren.

11. Positionieren Sie das Stelzlager mit einer Seite an der Wand geschnitten und die andere nach außen geschnitten.

12. Ecke - Positionieren Sie das SUPAANG-Profil. Positionieren Sie dann den SUPACLPPT-Abstandshalter parallel und den SUPACLPT-Kopfclip senkrecht dazu.



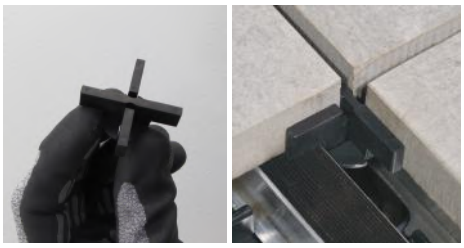
13. Rand - Positionieren Sie den SUPACLPT-Kopfclip senkrecht zum Profil



14. Das zugeschnittene Stück zwischen den Clips SUPACLPT und SUPACLPB einklemmen.

15. Schließen Sie die Installation ab.

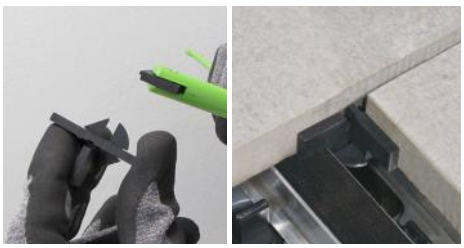
VERLEGUNG DER **PLATTEN** MIT **FUGENKREUZ AUF ALUSCHIENEN** - (Fliesen bündig)



16. Die Abstandhalter SUPDG in den Schlitz am Vierkantrohr einrasten, so dass zwischen den Fliesen der gleiche Abstand eingehalten wird.

17. Die weiteren Fliesen verlegen und dabei daran denken, die Abstandhalter einzufügen.

VERLEGUNG DER **PLATTEN** MIT **FUGENKREUZ AUF ALUSCHIENEN** - (Fliesen versetzt)



16. Die Abstandhalter SUPDG (nicht notwendige Flügel entfernen) in den vorgesehenen Schlitz am Vierkantrohr einrasten und zwar dort, wo die versetzte Fliese der nächsten Reihe verlegt wird.

17. Die weiteren Fliesen verlegen und dabei daran denken, die Abstandhalter einzufügen.

ABSCHLUSS MIT BSJ-PROFIL

Nachdem Sie das Stelzlager und die entsprechenden Clips positioniert haben, positionieren Sie das BSJ-Profil.

Das zugeschnittene Sütck zwischen dem Profil BSJ und dem Clip SUPACLPB einklemmen.

Die Platte zur Abdeckung verlegen.

ABSCHLUSS MIT BST-PROFIL

Nachdem Sie das Stelzlager und die entsprechenden Clips positioniert haben, positionieren Sie das BST-Profil.

Das zugeschnittene Sütck zwischen dem Profil BST und dem Clip SUPACLPB einklemmen.

Die Platte zur Abdeckung verlegen.

ABSCHLUSS MIT BSR-PROFIL

Nachdem Sie das Stelzlager und den SUPACLPPT-Clips positioniert haben, positionieren Sie das BSR-Profil.

Die Platte zur Abdeckung verlegen.

MONTAGEBAUTEILE

BASISELEMENTE

Abstandshalter je nach Anforderung zwischen folgenden Artikeln auswählen:

- 1a SUPAL - 28÷43 mm
- 1b SUPAS - 43÷58 mm
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm
- 1d SUPAR120 - (optional)
- 2 SUPA4 - Abstandshalter 4 mm
- 3 Aluminiumschiene L = 2,40 m
- 4 3-Funktionen-Einstellschlüssel


SUPAL


SUPAS


SUPAR120 - (optional)


SUPAS + SUPAR


SUPA4


SUPAANG240


SUPAK

ZUBEHÖR

- 5 Clip zum Einrasten der Dielen
- 6 Verbinder für Aluschiene

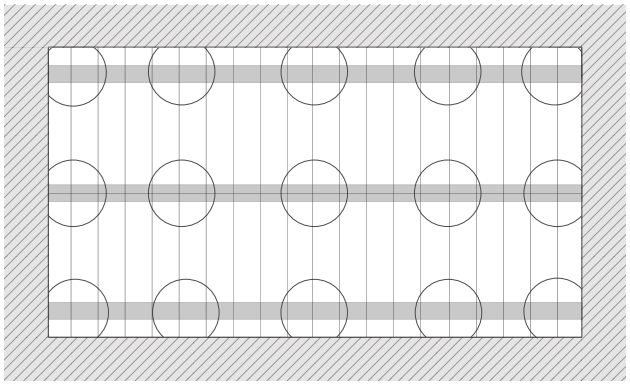

SUPCLIPG


SUPAJG

WEITERE NOTWENDIGE HILFSMITTEL

- 7 Handsäge
- 8 Maßband
- 9 Wasserwaage
- 10 Schraubendreher
- 11 Aluminiumschrauben

ANWENDUNGSSCHEMA STELZLAGER



Beispiel eines Verlegungsschemas für eine rechteckige Terrasse, die auf vier Seiten geschlossen ist. Der angegebene Buchstabe gibt die Art des Trägers an, dessen Verlegung nachfolgend im Detail beschrieben wird.

Die Installation muss auf allen Seiten geschlossen sein.

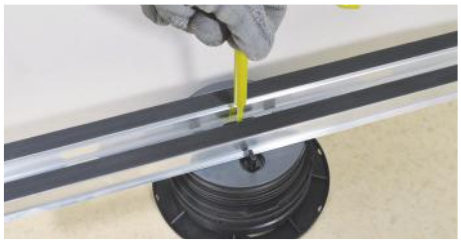
Bei Längen von über 2 m, mehrere Vierkantrohre kombinieren, wobei ein Abstand von 5 mm zwischen dem Ende eines Vierkantrohres und dem Anfang des nächsten verbleiben muss.

Maximaler Abstand zwischen den Trägern: 50 oder 60 cm, je nach Länge des Vierkantrohres.

1. Die Basis umdrehen und zwei der Seiten entlang der vorgeprägten Linie entfernen.

2. Positionieren Sie die Stelzlager an der Wand.

3. Setzen Sie das SUPAANG-Profil zwischen den Abstandhaltern der Stelzlager ein.



4. Nivellieren Sie die Stelzlager mit dem SUPAK-Einstellschlüssel, um eine ebene Oberfläche zu erhalten.

5. Den Clip waagrecht einführen und dann um 90° drehen, damit er einrastet.

6. Bringen Sie den SUPCLIPG-Clip näher an die Wand.

7. Befestigen Sie den Abstandhalter am Stelzlager.

8. Verlegen Sie die Holzleiste, indem Sie den Schlitz in den Abstandhalter stecken.

9. Einen Clip SUPCLIPG zur Blockierung der Dielen positionieren.

10. Die weiteren Clips SUPCLIPG positionieren.

11. Alle Holzdielen verlegen und dabei die Öffnung im Clip SUPCLIPG einrasten.

Hinweis: *Bei diagonaler Verlegung der Terrassendielen in Bezug auf das Vierkantrohr, kann der Clip um maximal 40° in beide Richtungen gedreht werden.*

MONTAGEBAUTEILE

BASISELEMENTE

Abstandshalter je nach Anforderung zwischen folgenden Artikeln auswählen:

- 1a SUPAL - 28÷43 mm
- 1b SUPAS - 43÷58 mm
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm
- 1d SUPAR120 - (optional)


SUPAL


SUPAS


SUPAS + SUPAR


SUPAR120 - (optional)

- 2 SUPAW - Abstandshalter für Holzträger


SUPAW

- 3 3-Funktionen-Einstellschlüssel


SUPAK

WEITERE NOTWENDIGE HILFSMITTEL

- 4 Holzbalken

- 5 Handsäge

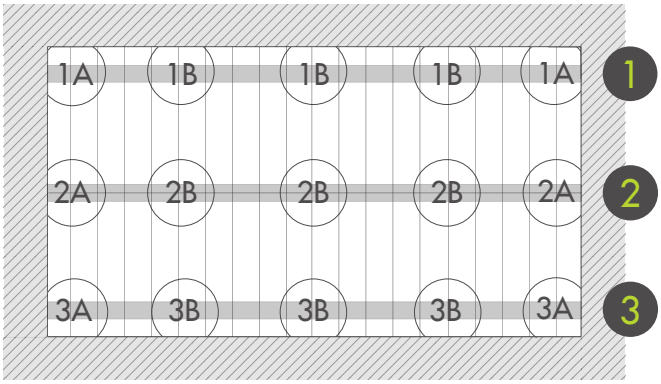
- 6 Maßband

- 7 Wasserwaage

- 8 Schraubendreher

- 9 Holzschrauben

ANWENDUNGSSCHEMA STELZLAGER



Beispiel eines Verlegungsschemas für eine rechteckige Terrasse, die auf vier Seiten geschlossen ist. Der angegebene Buchstabe gibt die Art des Trägers an, dessen Verlegung nachfolgend im Detail beschrieben wird.

Die Installation muss auf allen Seiten durch Wände geschlossen sein.

Bei Kombination von mehreren Balken, einen Abstand von 5 mm zwischen dem Ende eines Balkens und dem Anfang des nächsten lassen.

Den Holzbalken abwechselnd (re., li.) an die Flügel SUPAW anbringen, um eventuelle Bewegungen des Materials auszugleichen.

1 KONFIGURATION

POSITIONIERUNG DER **ECKTRÄGER AN DER WAND** 1A

1. Die Basis umdrehen und zwei der Seiten entlang der vorgeprägten Linie entfernen.

2. Den Träger zusammenbauen und die beiden zugeschnittenen Seiten an der Ecke positionieren.

POSITIONIERUNG DER **RANDTRÄGER AN DER WAND** 1B

3. Die Basis umdrehen und eine der Seiten entlang der vorgeprägten Linie entfernen.

4. Den Träger zusammenbauen und mit der zugeschnittenen Seite an die Wand anlegen.

POSITIONIERUNG **VIERKANTROHR 1**

5. Den Holzbalken, der auf dem Flügel SUPAW aufliegt, positionieren.

6. Den Balken am Träger mit den vorgesehenen Schlitze anschrauben.

7. Überprüfen, dass der Balken fest mit jedem Träger verbunden ist.

2 KONFIGURATION

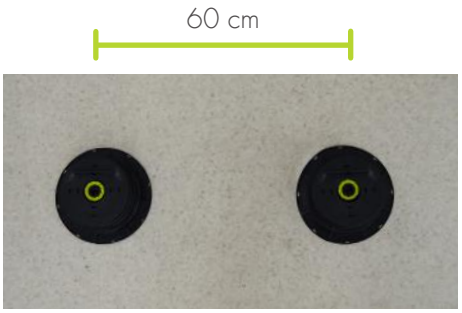
POSITIONIERUNG DER **RANDTRÄGER AN DER WAND** 2A

8. Die Basis umdrehen und eine der Seiten entlang der vorgeprägten Linie entfernen.

9. Den Träger zusammenbauen und mit der zugeschnittenen Seite an die Wand anlegen.

POSITIONIERUNG DER **MITTLEREN TRÄGER** 2B

10. Den Träger zusammenbauen und am Boden positionieren.



11. Maximaler Abstand zwischen den Trägern: 50-60 cm

.

POSITIONIERUNG **BALKEN 2**

12. Den Holzbalken, der auf dem Flügel SUPAVV aufliegt, positionieren.

13. Den Balken am Träger mit den vorgesehenen Schlitze anschrauben.

14. Überprüfen, dass der Balken fest mit jedem Träger verbunden ist.

3 KONFIGURATION

POSITIONIERUNG DER **ECKTRÄGER AN DER WAND** 3A

15. Die Basis umdrehen und zwei der Seiten entlang der vorgeprägten Linie entfernen.

16. Den Träger zusammenbauen und die beiden zugeschnittenen Seiten an der Ecke positionieren.

POSITIONIERUNG DER **RANDTRÄGER**

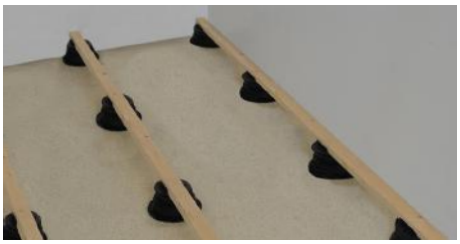
17. Die Basis umdrehen und eine der Seiten entlang der vorgeprägten Linie entfernen.

18. Den Träger zusammenbauen und mit der zugeschnittenen Seite an die Wand anlegen.

POSITIONIERUNG **BALKEN 3**

19. Den Holzbalken, der auf dem Flügel SUPAW aufliegt, positionieren.

20. Den Balken am Träger mit den vorgesehenen Schlitze anschrauben.



21. Überprüfen, dass der Balken fest mit jedem Träger verbunden ist.

VERLEGUNG DES HOLZES MIT **SCHRAUBEN AM BALKEN**

22. Überprüfen, dass die Installation nivelliert ist.

23. Die erste Holzdiele an der Wand anlegen.

24. Die Holzdiele am darunter liegenden Holzbalken mit einem Schraubendreher anschrauben.

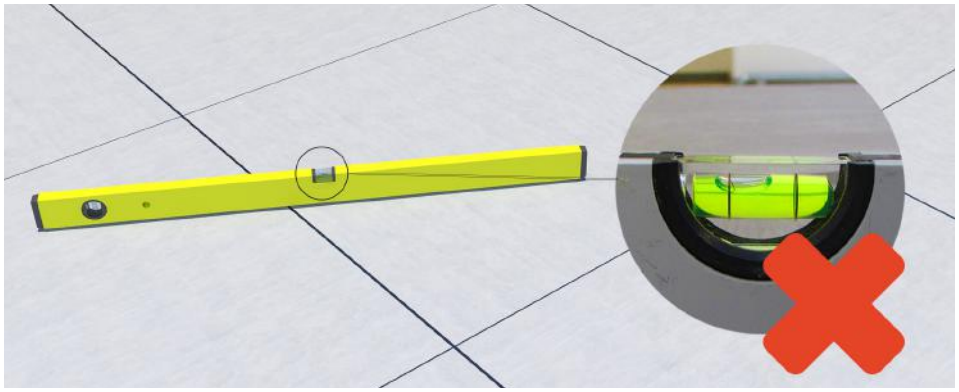
25. Die erste Reihe Holzdielen verlegen und an den Kontaktpunkten mit dem Holzbalken verschrauben.

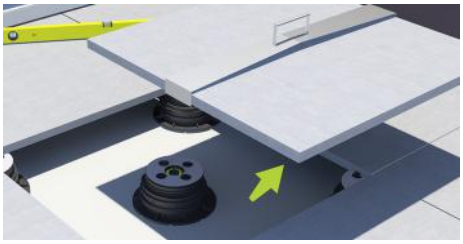
26. Die restlichen Dielen verlegen und befestigen.

***Hinweis**: Die Dielen können auch mit Nägeln und einem Hammer am Balken befestigt werden.*

A. SONDERFALL - EINSTELLUNG DES MITTLEREN TRÄGERS

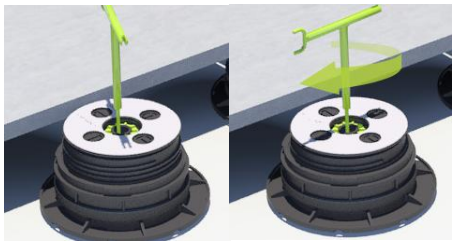
Falls ein Niveauunterschied zwischen den verlegten Fliesen besteht, kann die Höhe der Träger kontrolliert werden, in dem eine Fliese entfernt und der mittlere Träger überprüft wird.





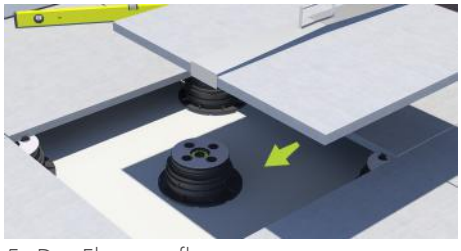
1. Die betroffene Fliese anheben.

2. Den Träger auf die Höhe der umliegenden Fliesen bringen, um die Höhe korrekt zu verändern.

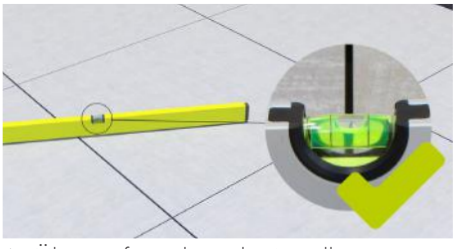


3. Einen Schlüssel SUPAK benutzen, um die Trägerhöhe zu verändern.

4. Nachdem die richtige Höhe erreicht ist, den Träger wieder in die Mitte einsetzen.

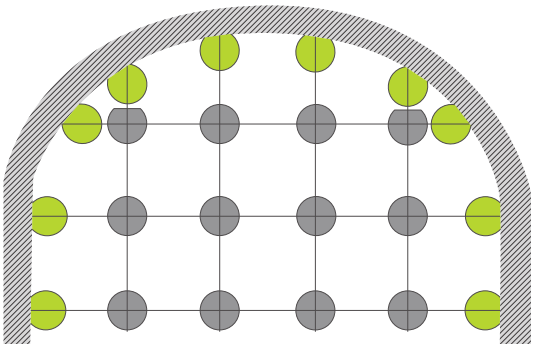


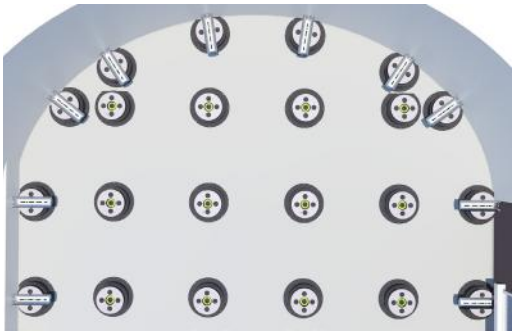
5. Die Fliese auflegen.



6. Überprüfen, dass die Installation nivelliert ist.

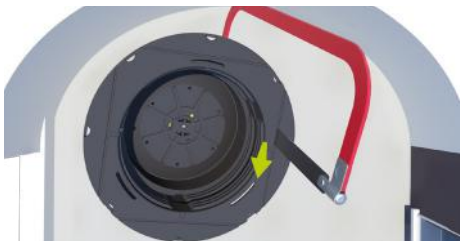
B. SONDERFALL - GENEIGTE WAND





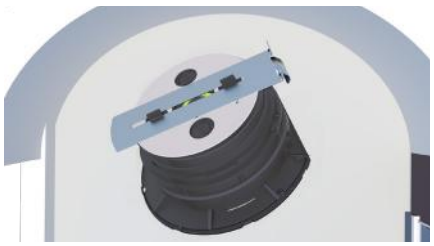
Es wird empfohlen ein Schema der Verlegung zu erstellen, bevor mit der Installation begonnen wird.

Es ist wichtig, dass die zugeschnittenen Fliesen an der Wand fest an allen Kanten aufliegen.

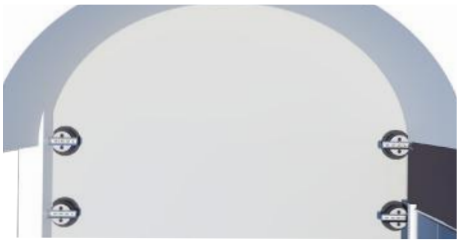


1. Eine der Trägerseite abschneiden.

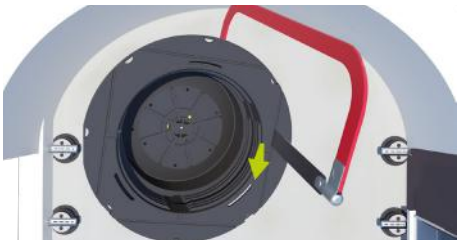
2. Die beiden Flügel, die parallel zum Schnitt der Basis sind, entfernen.



3. Den Clip SUPACLPP senkrecht zur Wand positionieren.



4. Die Träger an den im Projektschema angegebenen Positionen aufstellen.

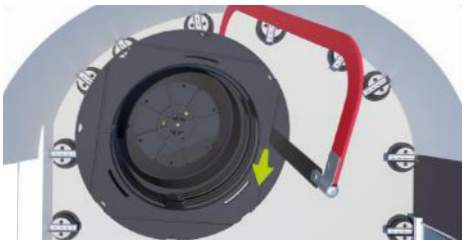


5. Eine der Trägerseite abschneiden.

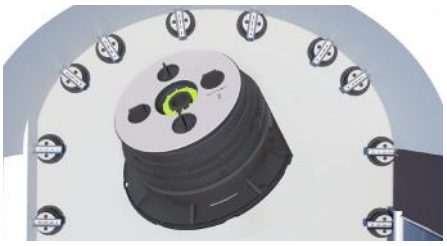
6. Alle Flügel am Kopf entfernen.

7. Den Clip SUPACLPP senkrecht zur Wand positionieren.

8. Die Träger an den im Projektschema angegebenen Positionen aufstellen.



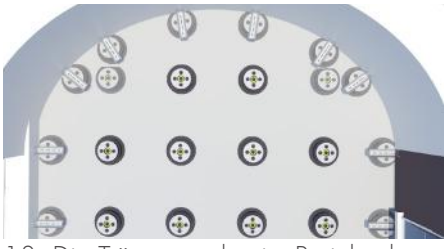
9. Eine der Trägerseite abschneiden.



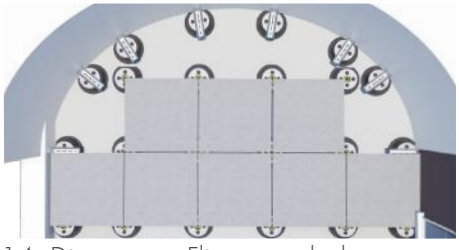
10. Alle vier Flügel beibehalten.

11. Die Träger an den im Projektschema angegebenen Positionen aufstellen.

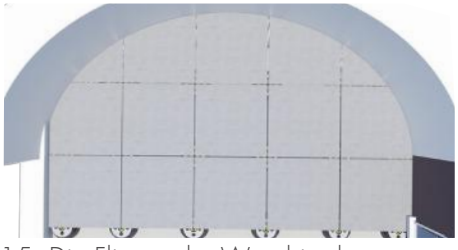
12. Den ganzen Träger unversehrt lassen.



13. Die Träger an den im Projektschema angegebenen Positionen aufstellen.



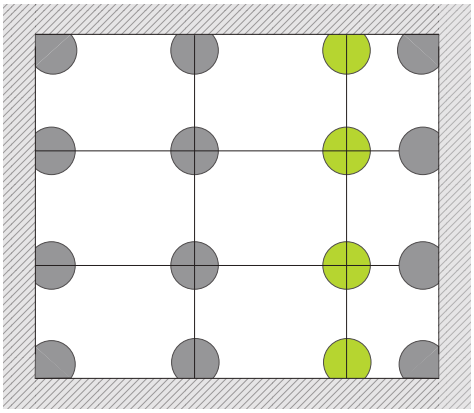
14. Die ganzen Fliesen nach dem Verlegungsschema positionieren.

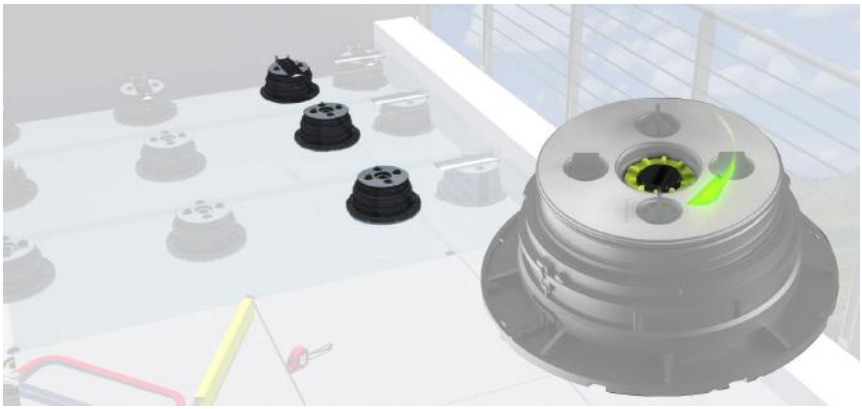


15. Die Fliesen der Wand in der richtigen Form zuschneiden und nach dem Verlegungsschema verlegen.

C. SONDERFALL - UNAUSGEGLICHENE GEWICHTSBELASTUNG

Den Aufbau mit feststehendem Kopf nur bei Trägern mit unausgeglichener Gewichtsbelastung verwenden.
Zum Beispiel: eine auf vier Seiten geschlossene Terrasse mit Fliesen 60x60 cm. Falls die Abmessung der letzten Fliesenreihe verkleinert werden muss, dann sind die Träger, welche gleichzeitig die 60x60 cm großen Fliesen und die zugeschnittenen Fliesen stützen, in den Aufbau mit feststehendem Kopf zu stellen.



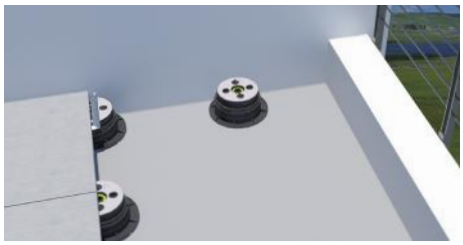


Merke = Falls der Boden geneigt ist, die Scheiben SUPL2 oder SUPL3 für die Träger mit feststehendem Kopf verwenden.

SUPL2
Stärke 2 mm

SUPL3
Stärke 3 mm

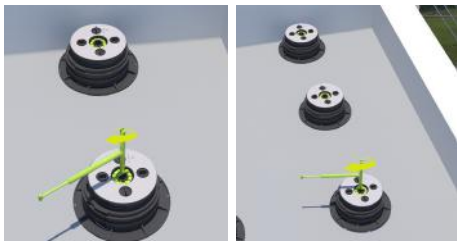
1. Eine der Trägerseite abschneiden.



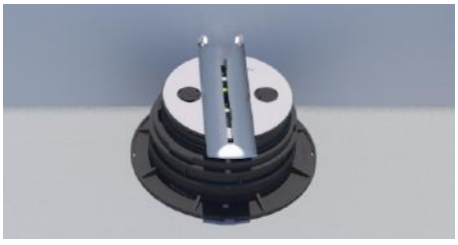
2. Den Träger mit der abgeschnittenen Seite in Berührung mit der Wand positionieren.

3. Die beiden Flügel, die parallel zur Wand sind, entfernen.

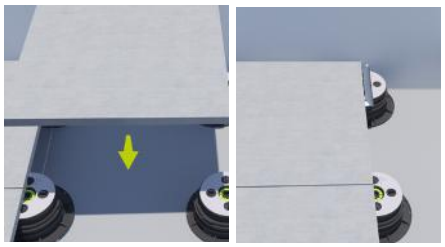
4. Den Ring im Uhrzeigersinn anschrauben, um den Träger im Aufbau mit „feststehendem Kopf" zu bringen.



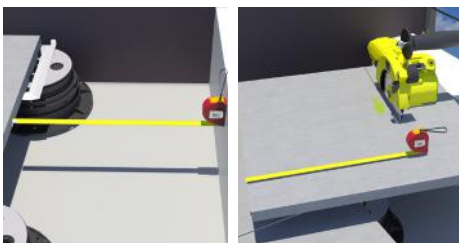
5. Die restlichen Träger positionieren und den Kopf durch Anschrauben des Rings feststellen.



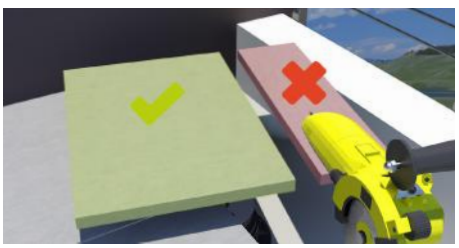
6. Den Clip SUPACLPP positionieren.



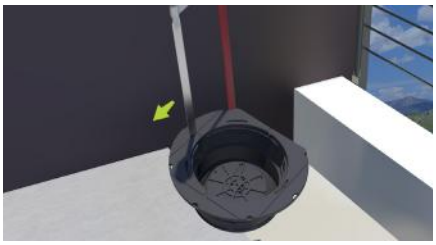
7. Die Fliesen verlegen.



8. Den verbleibenden Abstand messen.

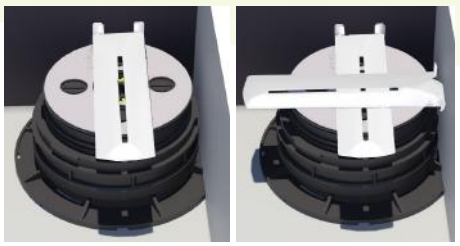


9. Die Fliese zuschneiden.

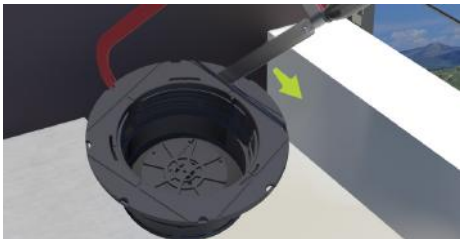


10. Beide Seiten des Trägers abschneiden.

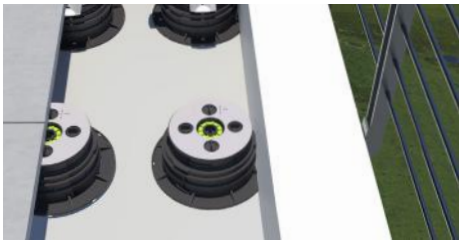
11. Den Träger in der Ecke positionieren und die 4 Flügel entfernen.



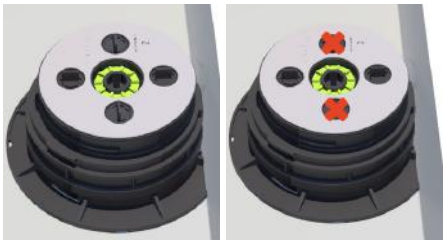
12. . Zwei Abstandhalter-Clips SUPACLPP senkrecht zueinander positionieren.



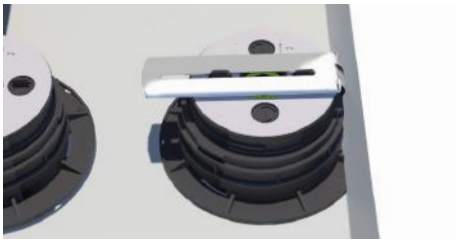
13. Eine der Trägerseite abschneiden.



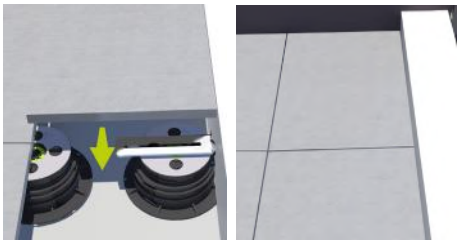
14. Den Träger mit der abgeschnittenen Seite in Berührung mit der Wand positionieren.



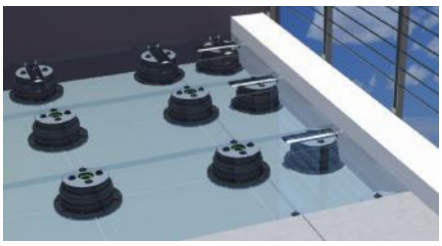
15. Die beiden Flügel, die parallel zur Wand sind, entfernen.



16. Den Abstandhalter-Clip SUPACLPP positionieren.



17. Die Fliesen auflegen.

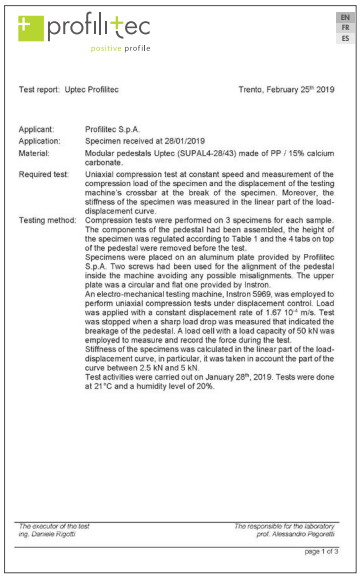


18. Verlegungsschema der Träger.

Prüfungen durchgeführt von der Fakultät für Wirtschaftsingenieurwesen der Universität Trient.

In der unten aufgeführten Tabelle werden die Werte der Bruchbelastung angegeben, die sich bei Test der Träger unter verschiedenen Bedingungen ergeben haben: mit feststehendem oder selbstnivellierenden Kopf, mit ebener oder geneigter Auflage und bei verschiedenen Temperaturbedingungen und Belastungsgeschwindigkeiten.

Modell	Höhe		Kopf	Ebene	Temperatur		Geschwindigkeit		Bruchbelastung	
	mm	in			°C	°F	mm/ min	in/ min	kN	lbF
SUPAL-28/43	43	1-11/16	FESTSTEHEND	HORIZONTAL	21	69.8	10	3/8	15.58 ± 0.54	3502.52 ± 121.4
SUPAL-28/43	43	1-11/16	SCHWINGEND	GENEIGT	21	69.8	10	3/8	13.93 ± 0.24	3131.59 ± 211
SUPAS-58/88	88	3-15/32	FESTSTEHEND	HORIZONTAL	21	69.8	100	4	14.48 ± 0.89	3255.23 ± 200
SUPAS-508/538	538	21-3/16	SCHWINGEND	GENEIGT	21	69.8	100	4	13.67 ± 0.90	3073.14 ± 202.33
SUPAS-58/88	88	3-15/32	FESTSTEHEND	HORIZONTAL	-20	-4	100	4	21.86 ± 0.97	4914.32 ± 218.06
SUPAS-58/88	88	3-15/32	FESTSTEHEND	HORIZONTAL	80	176	100	4	5.31 ± 0.48	1193.74 ± 107.91

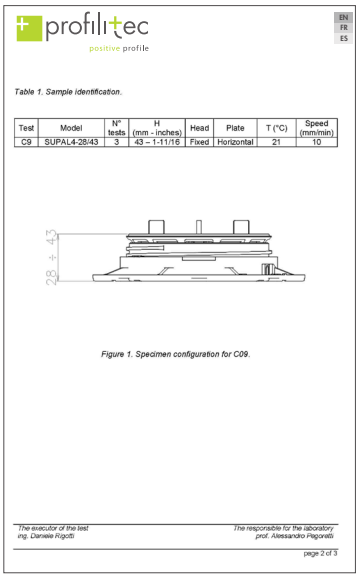

profilitec
positive profile

Test report: Uptec Profilitec — Trento, February 25th 2019

Applicant: Profilitec S.p.A.
Application: Specimen received at 28/01/2019
Material: Modular pedestals Uptec (SUPAL4-28/43) made of PP / 15% calcium carbonate.
Required test: Uniaxial compression test at constant speed and measurement of the compression load of the specimen and the displacement of the testing machine's crossbar at the break of the specimen. Moreover, the stiffness of the specimen was measured in the linear part of the load-displacement curve.
Testing method: Compression tests were performed on 3 specimens for each sample. The components of the pedestal had been assembled, the height of the specimen was regulated according to Table 1 and the 4 tabs on top of the pedestal were removed before the test.
Specimens were placed on an aluminum plate provided by Profilitec S.p.A. Two screws had been used for the alignment of the pedestal inside the machine avoiding any possible misalignments. The upper plate was a circular and flat one provided by Instron.
An electro-mechanical testing machine, Instron 5969, was employed to perform uniaxial compression tests under displacement control. Load was applied with a constant displacement rate of 1.67 10⁻² m/s. Test was stopped when a sharp load drop was measured that indicated the breakage of the pedestal. A load cell with a load capacity of 50 kN was employed to measure and record the force during the test.
Stiffness of the specimens was calculated in the linear part of the load-displacement curve, in particular, it was taken in account the part of the curve between 2.5 kN and 5 kN.
Test activities were carried out on January 28th, 2019. Tests were done at 21°C and a humidity level of 20%.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 1 of 3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positive profile

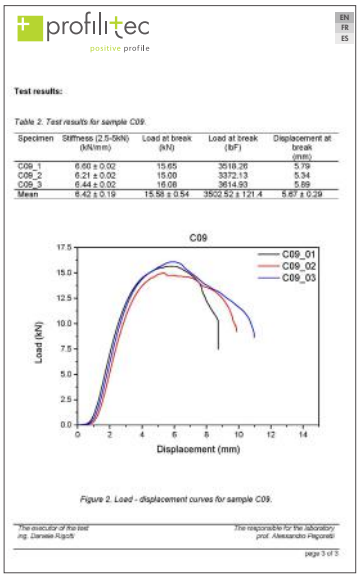
Table 1. Sample identification.

Test	Model	N° tests	H (mm - inches)	Head	Plate	T (°C)	Speed (mm/min)
C9	SUPAL4-28/43	3	43 – 1-11/16	Fixed	Horizontal	21	10

Figure 1. Specimen configuration for C09.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 2 of 3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Test results:

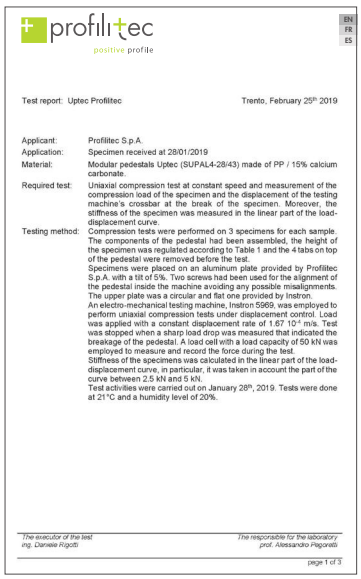
Table 2. Test results for sample C09.

Specimen	Stiffness (2.5-5kN) (kN/mm)	Load at break (kN)	Load at break (lbF)	Displacement at break (mm)
C09_1	6.60 ± 0.02	15.65	3518.26	5.79
C09_2	6.21 ± 0.02	15.08	3372.13	5.34
C09_3	6.44 ± 0.02	16.08	3614.93	5.89
Mean	6.42 ± 0.19	15.58 ± 0.54	3502.52 ± 121.4	5.67 ± 0.29

Figure 2. Load - displacement curves for sample C09.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 3 of 3


profilitec
positive profile

Test report: Uptec Profilitec — Trento, February 25th 2019

Applicant: Profilitec S.p.A.
Application: Specimen received at 28/01/2019
Material: Modular pedestals Uptec (SUPAL4-28/43) made of PP / 15% calcium carbonate.
Required test: Uniaxial compression test at constant speed and measurement of the compression load of the specimen and the displacement of the testing machine's crossbar at the break of the specimen. Moreover, the stiffness of the specimen was measured in the linear part of the load-displacement curve.
Testing method: Compression tests were performed on 3 specimens for each sample. The components of the pedestal had been assembled, the height of the specimen was regulated according to Table 1 and the 4 tabs on top of the pedestal were removed before the test.
Specimens were placed on an aluminum plate provided by Profilitec S.p.A. with a tilt of 5%. Two screws had been used for the alignment of the pedestal inside the machine avoiding any possible misalignments. The upper plate was a circular and flat one provided by Instron.
An electro-mechanical testing machine, Instron 5969, was employed to perform uniaxial compression tests under displacement control. Load was applied with a constant displacement rate of 1.67 10⁻² m/s. Test was stopped when a sharp load drop was measured that indicated the breakage of the pedestal. A load cell with a load capacity of 50 kN was employed to measure and record the force during the test.
Stiffness of the specimens was calculated in the linear part of the load-displacement curve, in particular, it was taken in account the part of the curve between 2.5 kN and 5 kN.
Test activities were carried out on January 28th, 2019. Tests were done at 21°C and a humidity level of 20%.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 1 of 3

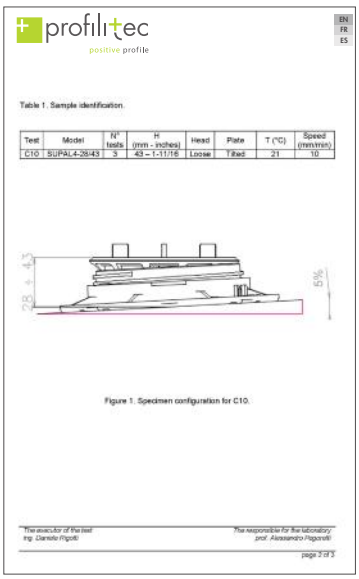

profilitec
positive profile

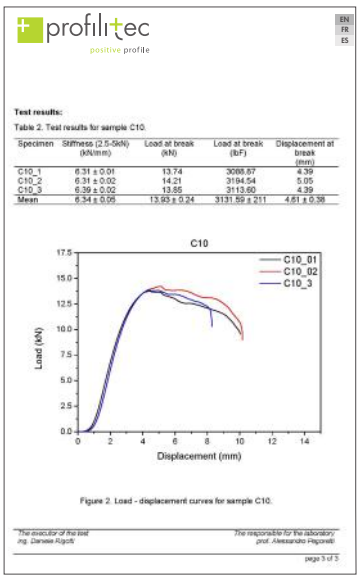
Table 1. Sample identification.

Test	Model	N° tests	H (mm - inches)	Head	Plate	T (°C)	Speed (mm/min)
C10	SUPAL4-28/43	3	43 – 1-11/16	Loose	Tilted	21	10

Figure 1. Specimen configuration for C10.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 2 of 3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positive profile

Test results:

Table 2. Test results for sample C10.

Specimen	Stiffness (2.5-5kN) (kN/mm)	Load at break (kN)	Load at break (lbF)	Displacement at break (mm)
C10_1	6.31 ± 0.01	13.74	3088.67	4.39
C10_2	6.31 ± 0.02	14.21	3194.54	5.05
C10_3	6.39 ± 0.02	13.85	3113.60	4.39
Mean	6.34 ± 0.05	13.93 ± 0.24	3131.59 ± 211	4.61 ± 0.38

Figure 2. Load - displacement curves for sample C10.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 3 of 3

uptec® Manual

ES

Uptec es un soporte universal regulable para la realización de pavimentos sobreelevados para exteriores, especialmente indicado para la colocación de baldosas de cerámica de 2 cm. Uptec lanza la revolución **3 en 1**, 3 productos (3 códigos base: **SUPAL**, **SUPAS** y **SUPAR**) en un único sistema. A estos 3 productos se añaden 3 accesorios (3 códigos: **SUPA2**, **SUPA4** y **SUPAW**) para instalaciones estándar (para juntas de 2 y 4 mm) o para vigas de madera y rastreles de aluminio. Los accesorios pueden intercambiarse y son de goma para garantizar un sistema antirruido y antideslizante. Uptec permite alcanzar la altura deseada simplemente añadiendo los anillos **SUPAR** y pasar de la modalidad con cabezal autonivelante a fijo gracias a la innovadora corona de bloqueo.

Ejemplo de configuración SUPAS+SUPAR+SUPA2 para altura de 58-88 mm.

3 in 1

Innovador sistema 3 en 1 para realizar diferentes alturas con un único producto.

SUPAR

Añadir o quitar el anillo SUPAR para modificar la altura del soporte.

Auto-nivelante

Fijo

Mecanismo simple para pasar del cabezal autonivelante al fijo.

INDEX

ES

3 PRODUCTOS

SUPAL
Soporte bajo

28÷43 mm
1-3/32÷1-11/16″

SUPAS
Soporte standard

43÷58 mm
1-11/16″÷2-9/32″

SUPAR
Anillo para soportes

+ 30 mm
+1--3/16″

3 OPCIONES + LLAVE DE REGULACIÓN

SUPA2
Para colocación de cerámica

Aleta con fuga
2 mm - 3/32″

SUPA4
Para colocación de cerámica y con rastrel de aluminio

Aleta con fuga
4 mm - 5/32″

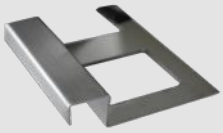
SUPAW
Para colocación con viga de madera

SUPAK
Llave de regulación con 3 funciones

Para junta mínima
de 4 mm - 5/32″

OTROS ACCESORIOS Y PERFIL

BSJ
Perfil terminal



L = 2.70 m
8′ 10″

BSR
Perfil terminal

L = 2.70 m
8′ 10″

BST20
Perfil terminal

L = 2.70 m
8′ 10″

SUPL2 - SUPL3
Membrana antifragmentación

60 x 60 cm
24″ x 24″

SUPCLPP
Espaciador perimetral

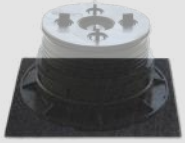
SUPACLPB
Clip borde vertical - Base

SUPACLPT
Clip borde vertical - cabezal

SUPAR120
Anillo para soportes

120 mm - 4-3/4″

SUPATG
Alfombrilla

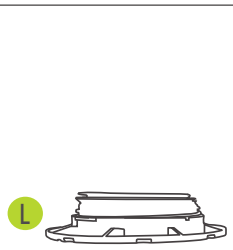
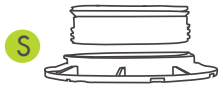
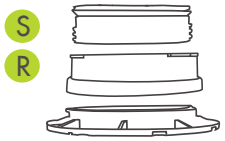
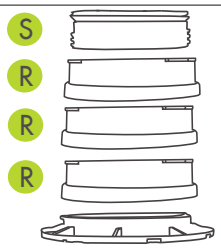


198 x 198 mm
7″ 25/32 x 7″ 25/32

UPTEC - soporte regulable universal para pavimentos sobreelevados -componentes	
ART.	DESCRIPCIÓN
SUPAL	Soporte bajo 28÷43 mm - 1-3/32÷1-11/16"
SUPAS	Soporte standard 43÷58 mm - 1-11/16"÷2-9/32"
SUPAR	Anillo para soportes +30 mm - +1-3/16"

UPTEC - opciones	
ART.	DESCRIPCIÓN
SUPA2	Aleta con fuga 2 mm para colocación de cerámica
SUPA4	Aleta con fuga 4 mm - También compatible con vigas de Aluminio
SUPAW	Aleta para colocación con viga de madera

UPTEC - opciones adicionales	
ART.	DESCRIPCIÓN
SUPAR120	Anillo para soportes 120 mm - 4-3/4"
SUPAK	Llave de regulación con 3 funciones
SUPL2	Disco nivelante 2 mm - 3/32"
SUPL3	Disco nivelante 3 mm - 1/8"
SUPACLPP	Espaciador perimetral
SUPACLPT	Clip borde vertical - Cabezal
SUPACLPB	Clip borde vertical - Base
BSJ + BSJE	Perfil terminal + Conexión
BSR + BSRE + BSRG	Perfil terminal + Conexión + Junta
BST + BSTE	Perfil terminal + Conexión
SUPATG	Alfombrilla 198x198x3 mm - 7" 25/32 x 7" 25/32 x 1/8"

28-43 mm	43-58 mm	58-88 mm	88-118 mm	118-148 mm
 SUPAL	 SUPAS	 SUPAS + 1 SUPAR	 SUPAS + 2 SUPAR	 SUPAS + 3 SUPAR
2 4 W	2 4 W	2 4 W	2 4 W	2 4 W

UPTEC - kit soportes con aleta 2 mm - 3/32"-producto ensamblado	
ART.	DESCRIPCIÓN
SUPAL2-28/43	kit soportes + aleta con fuga 2 mm - 3/32"
SUPAS2-43/58	kit soportes + aleta con fuga 2 mm - 3/32"
SUPAS2-58/88	kit soportes + aleta con fuga 2 mm - 3/32"
SUPAS2-88/118	kit soportes + aleta con fuga 2 mm - 3/32"
SUPAS2-118/148	kit soportes + aleta con fuga 2 mm - 3/32"

UPTEC - kit soportes con aleta 4 mm - 5/32"-producto ensamblado	
ART.	DESCRIPCIÓN
SUPAL4-28/43	kit soportes + aleta con fuga 4 mm - 5/32"
SUPAS4-43/58	kit soportes + aleta con fuga 4 mm - 5/32"
SUPAS4-58/88	kit soportes + aleta con fuga 4 mm - 5/32"
SUPAS4-88/118	kit soportes + aleta con fuga 4 mm - 5/32"
SUPAS4-118/148	kit soportes + aleta con fuga 4 mm - 5/32"

SUPAANG
Rastrel de Aluminio

L = 2.40 m
7-7/8″

SUPAJG
Junta para viga

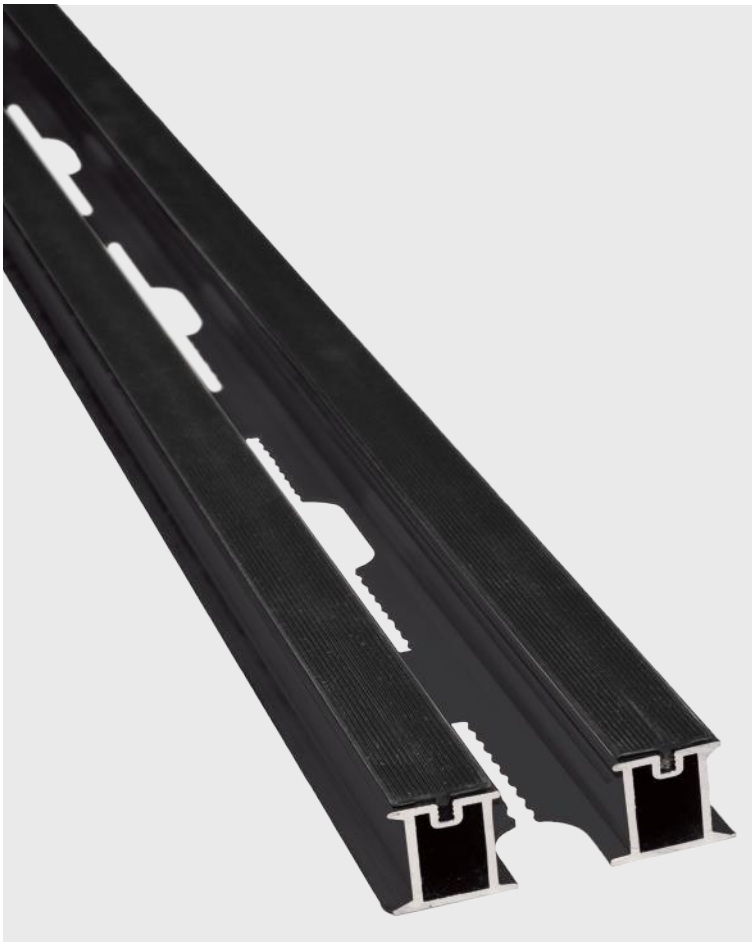
SUPDG
Espaciador entre baldosas

4 mm
5/32″

SUPACLPPT
Espaciador perimetral - Rastrel

SUPCLIPG
Clips para encaje de listones

UPTEC - soporte regulable universal para pavimentos sobreelevados -componentes	
ART.	DESCRIPCIÓN
SUPAANG240	Rastrel de Aluminio (L: 2.40 m - 7-7/8″)
SUPAANGB240	Rastrel de Aluminio negro (L: 2.40 m - 7-7/8″)
UPTEC - opciones adicionales	
ART.	DESCRIPCIÓN
SUPDG	Espaciador entre baldosas (4 mm - 5/32″)
SUPAJG	Junta para viga
SUPCLIPG	Clips para encaje de listones
SUPACLPPT	Espaciador perimetral - Rastrel



SUPAS

43÷58 mm
1-11/16″ - 2-9/32″

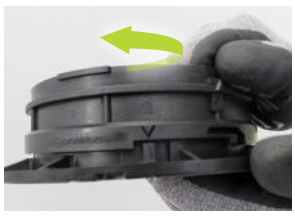
SUPAS + 1 SUPAR

58÷88 mm
2-9/32″ - 3-15/32″

Nota: prestar atención a las marcas de la parte inferior del anillo SUPAR y a las colocadas en la base.

ABIERTO

CERRADO



SUPAR

+30 mm
+1-3/16″

Nota: prestar atención a las marcas de la parte inferior del anillo SUPAR añadido y a las colocadas en la parte superior del anillo SUPAR que se encuentra debajo.

ABIERTO

CERRADO

SUPA 2/4/W

SUPAS

43÷58 mm
1-11/16" - 2-9/32"

PRESIONAR

SUPAS 1SUPAR

58÷88 mm
2-9/32" - 3-15/32"

PRESIONAR

LEVANTAR

SUPAR

- 30 mm
-1-3/16"

LEVANTAR

SUPA 2/4/W

DESENGANCHAR

USO DE LA LLAVE DE REGULACIÓN: 3 FUNCIONES

SUPAK

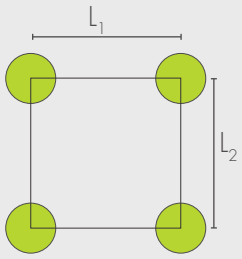
CÁLCULO **ESTIMADO** CANTIDAD - piezas/m²

El número de soportes que se debe utilizar en una colocación varía en función de la calidad, el tamaño de las baldosas utilizadas y las cargas estáticas (por ejemplo, carga puntual como un florero) y dinámicas (por ejemplo, el paso de personas) que los soportes deberán soportar.

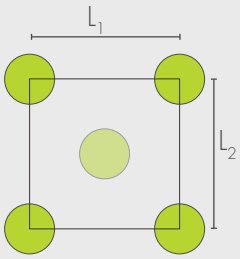
Profilitec recomienda ponerse en contacto con el fabricante del pavimento para conocer la capacidad de cada baldosa.

Fórmulas para calcular el número de soportes por metro cuadrado, teniendo en cuenta baldosas con un espesor de 2 cm - 3/4" (en caso de espesores mayores, contactar con nuestra oficina para el cálculo de la capacidad correcta).

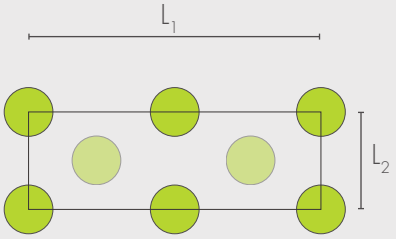
$(1 : L_1 : L_2) = pz/m2$



$(1 : L_1 : L_2) \times 2 = pz/m2$
con soporte central



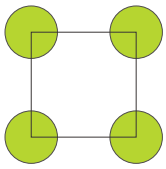
$(1 : L_1/2 : L_2) = pz/m2$



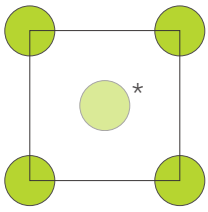
Nota: la fórmula no tiene en cuenta las piezas perimetrales. Para obtener un cálculo más preciso, sumar al cálculo de las piezas/m2 la mitad del número de piezas resultantes del cálculo del perímetro.
Recomendamos contactar con nuestra oficina en caso de aplicaciones específicas. Distancia entre ejes máxima de 60 cm - 24".

EJEMPLOS DE ESQUEMAS DE COLOCACIÓN **CON BALDOSA**

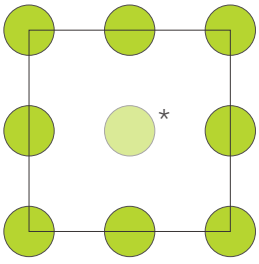
* añadir el soporte central para uso en espacios públicos / en presencia de cargas o alturas elevadas



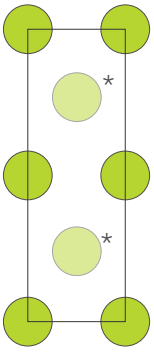
40x40 cm
16"x16"



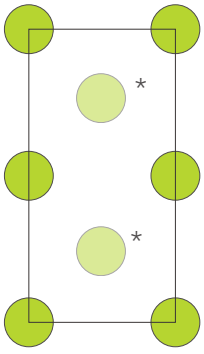
60x60 cm
24"x24"



80x80 cm
32"x32"



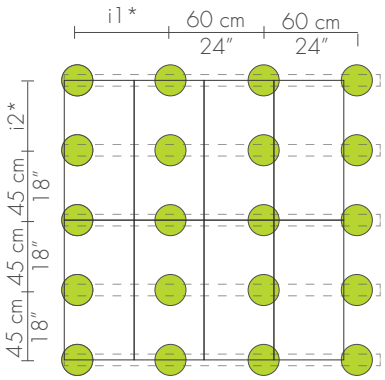
40x120 cm
16"x48"



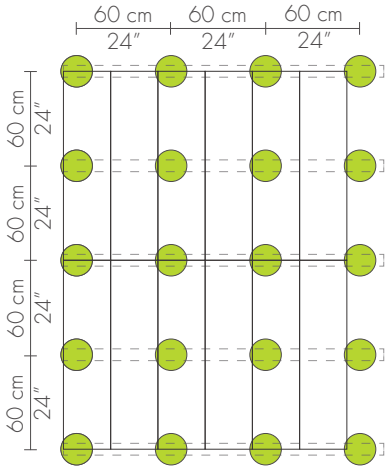
60x120 cm
24"x48"

EJEMPLOS DE ESQUEMAS DE COLOCACIÓN **CON VIGAS**

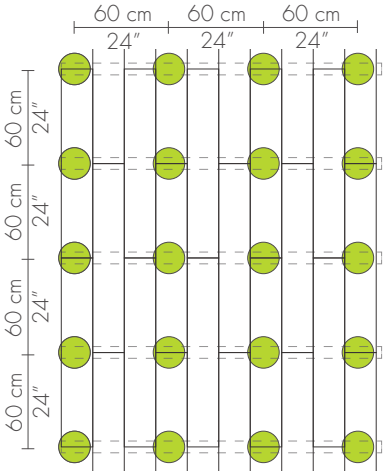
* Sustituir en la fórmula L1 y L2 por la distancia entre ejes i1 e i2 y, a continuación:
(1 : i1 : i2) = piezas/m2



45x90 cm - 18"x36"



30x120 cm - 12"x48"



PROCEDIMIENTOS PREVIOS

1. Comprobar que el material esté en **buenas condiciones** antes de continuar con la colocación.

2. La altura que se puede alcanzar es de **48 mm - 1-7/8"** (altura mínima SUPAL = 28 - 1-3/32" mm + espesor de la baldosa = 20 mm - 3/4").

CARACTERÍSTICAS DEL SUSTRATO

3. La **superficie** sobre la que se colocará el producto debe estar perfectamente **limpia**, sin restos de líquidos, suciedad o materiales extraños.

4. Colocar los soportes sobre hormigón, cemento, EPDM, caucho, monocapa u otros sistemas de recubrimiento, o directamente sobre materiales aislantes, comprobando la resistencia a la compresión del material de soporte.

5. Comprobar que la superficie de c**olocación cumple con las especificaciones** de diseño y que hay un sistema de drenaje adecuado.

RECOMENDACIONES

6. Uptec debe utilizarse en ambientes con tránsito exclusivamente de **peatones**.

7. **No cortar más de dos lados** consecutivos del soporte. En caso contrario, contactar con nuestra oficina.

8. Los **movimientos laterales** de la colocación no deben superar los 3 mm - 1/8".

9. Para **alturas superiores a 40 cm - 15-3/4"**, consultar a un técnico cualificado y comprobar su capacidad.

10. Comprobar al final de la colocación que no haya **elementos peligrosos**.

INSTRUCCIONES PARA LA COLOCACIÓN DEL PRODUCTO

11. La **distancia** entre ejes **máxima** entre los soportes no debe superar los **60 cm - 24"**.

12. La colocación debe estar **cerrada** por todos los lados por paredes o por sistemas de cierre perimetral específicos (clips o perfiles).

13. Determinar la altura del soporte restando a la altura final del pavimento el espesor de la baldosa.

14. Antes de colocar el pavimento, **colocar los soportes** ensamblados a la altura correcta

15. Comprobar después de colocar cada baldosa la **alineación del pavimento**, regulando la altura de los soportes (se recomienda el uso de la llave SUPAK).

16. Uso **Autonivelante**: pavimentos con carga equilibrada en el soporte.
Uso **Fijo**: en caso de carga no equilibrada en el soporte (por ejemplo, perímetro de la aplicación con presencia de baldosas cortadas). El soporte se fija atornillando la corona verde en el cabezal del soporte.

CONDICIONES DEL PRODUCTO

17. Conservar el material en su **embalaje original**.

18. El material se suministra en cajas de cartón que deben almacenarse en **ambientes secos** sin contacto con la lluvia ni residuos.

19. Durante la colocación, proteger los productos contra posibles daños. **Sustituir** o reparar los **productos dañados** antes de proceder con la colocación.

20. Entregar, almacenar y gestionar los productos de acuerdo con las instrucciones anteriores.

COMPONENTES PARA LA COLOCACIÓN

ELEMENTOS BASE

Seleccione la pestaña según la necesidad entre:

- 1a SUPAL - 28÷43 mm - 1-3/32÷1-11/16″
- 1b SUPAS - 43÷58 mm - 1-11/16″÷2-9/32″
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm - 1-11/16″÷2-9/32″+1-3/16″
- 1d SUPAR120 - (opcional)


SUPAL


SUPAS


SUPAS + SUPAR


SUPAR120 - (opcional)

En función de las necesidades, seleccionar la aleta entre:

- 2a SUPA2 - Aleta con fuga 2 mm - 3/32″
- 2b SUPA4 - Aleta con fuga 4 mm - 5/32″


SUPA2


SUPA4

- 3 Llave de regulación con 3 funciones


SUPAK

ACCESORIOS PERIMETRALES

- 4 Espaciador perimetral


SUPACLPP

- 5 * Perfiles perimetrales


BSJ


BSR


BST

- 6 *Clip borde vertical – Base y Cabezal


SUPACLPB


SUPACLPT

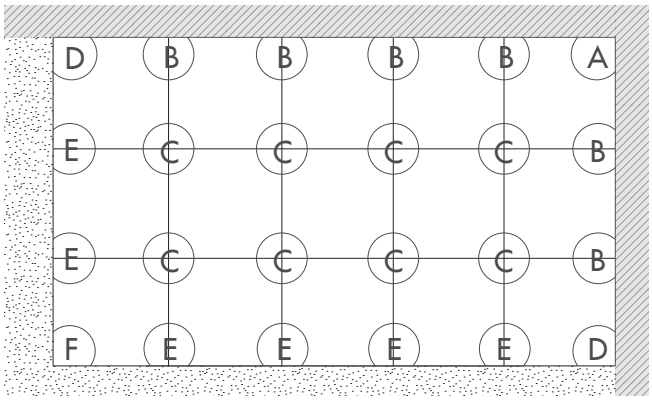
INSTRUMENTOS ADICIONALES NECESARIOS

- 7 Sierra

- 8 Cinta métrica

- 9 instrumento de burbuja

ESQUEMA COLOCACIÓN SOPORTES



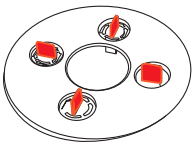
Esquema de colocación para terraza rectangular, abierta por dos lados y cerrada por paredes por los otros dos. El documento especificado indica el tipo de soporte cuya colocación se explicará con detalle a continuación. La instalación debe estar cerrada por todos los lados por paredes o por sistemas específicos de cierre perimetral (clip o perfiles).

Ejemplo con baldosas de 50x50 cm - 20"x20". Con baldosas de mayor tamaño, se recomienda añadir un soporte central.

COLOCACIÓN DE **SOPORTES ANGULARES** A

1. Dé la vuelta a la base y retire dos de los lados por la línea de corte.

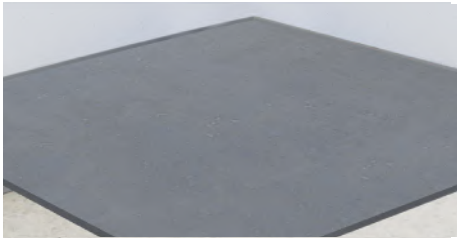
2. Ensamble el soporte y colóquelo en correspondencia con el ángulo.



3. Retire las cuatro aletas con la llave SUPAK.

4. Coloque un clip separador SUPACLPP en contacto con la pared.

5. Coloque un segundo clip separador SUPACLPP perpendicular al primero.

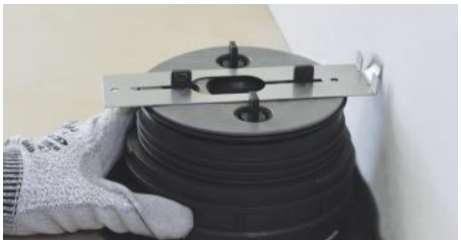


6. Colocar la baldosa.

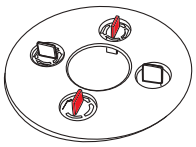
COLOCACIÓN DE **SOPORTES PERIMETRALES** B

7. Dé la vuelta a la base y retire uno de los lados por la línea de corte.

8. Ensamble los soportes y colóquelos con el lado cortado apoyado hacia la pared.



9. Encaje el clip distanciador SUPACLPP entre las dos pestañas perpendiculares hacia la pared.



10. Retire las otras dos pestañas con la llave SUPAK.

11. Colocar la baldosa.

12. Aleje el centro del soporte en proporción a la dimensión de la baldosa. Distancia máxima: 60 cm

13. Colocar la baldosa.

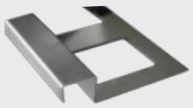
14. Apoye los ángulos de la baldosa entre las aletas apropiadas.

15. Colocar los otros baldosas.

16. Verifique que el pavimento sea lineal.

17. En el caso de el pavimento no sea lineal, ajuste la altura con la llave SUPAK.

BSJ



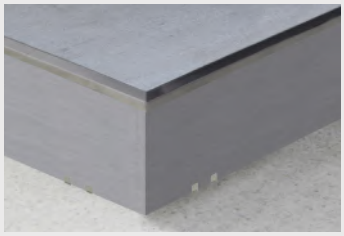
BSJ20IS

SUPACLPB + SUPACLPP

D

E

F

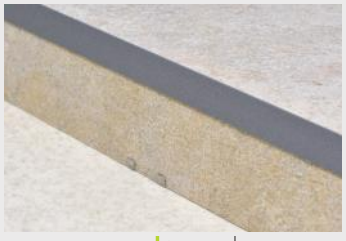


BST

BST20A50

SUPACLPB + SUPACLPP

D



E

F

BSR

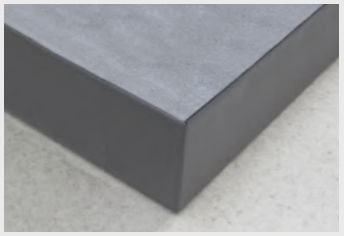
BSR20/100A50

SUPACLPP

D

E

F

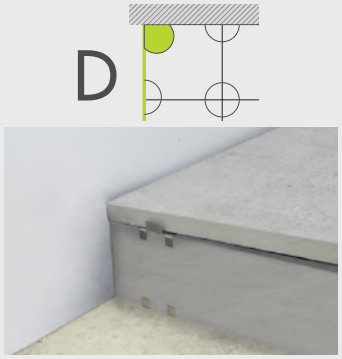


Clip

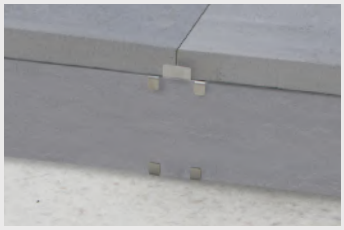
SUPACLPB

SUPACLPT

SUPACLPP

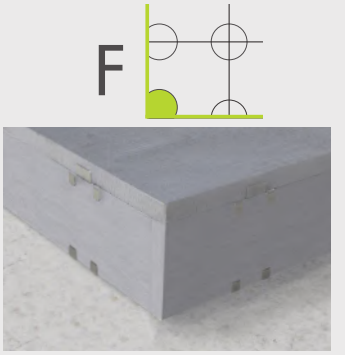


D



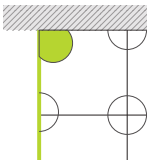
E

F



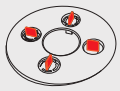
COLOCACIÓN DE PERFIL BSJ **PERIMETRAL ANGULAR**

BSJ D



N.B.

quitar dos lados de la base

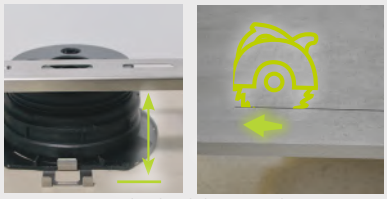


quitar los cuatro aletas

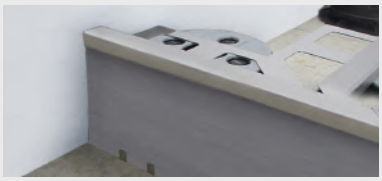
D-1. Coloque bajo la base del soporte el clip SUPACLPB.

D-2. Coloque el soporte con un lado cortado hacia la pared y el otro hacia el exterior.

D-3. Coloque el clip distanciador SUPACLPP y el perfil BSJ sobre el cabezal del soporte.



D-4. Corte la baldosa a la medida correspondiente entre el perfil BSJ y el clip base SUPACLPB.

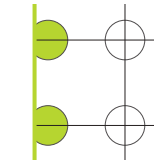


D-5. Encaje la baldosa cortada entre el perfil BSJ y el clip SUPACLPB.

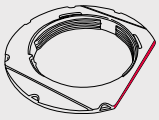
D-6. Colocar la baldosa.

COLOCACIÓN DE PERFIL BSJ **PERIMETRAL TERMINAL**

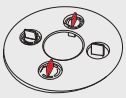
BSJ E



N.B.

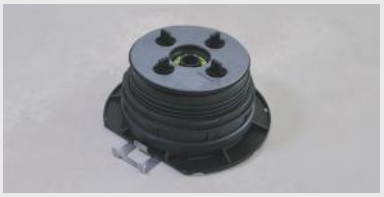


quitar un lado de la base



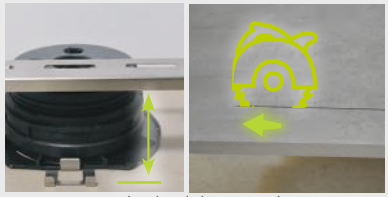
quitar dos aletas

E-1. Coloque bajo la base del soporte el clip SUPACLPB.



E-2. Coloque el soporte con el lado cortado hacia el exterior.

E-3. E-3. Sitúe el perfil BSJ sobre el cabezal del soporte.



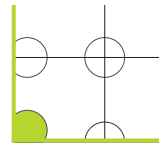
E-4. Corte la baldosa a la medida correspondiente entre el perfil BSJ y el clip SUPACLPB.

E-5. Encaje la baldosa cortada entre el perfil BSJ y el clip SUPACLPB.

E-6. Colocar la baldosa.

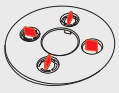
COLOCACIÓN DE PERFIL BSJ **TERMINAL ANGULAR**

BSJ F



N.B.

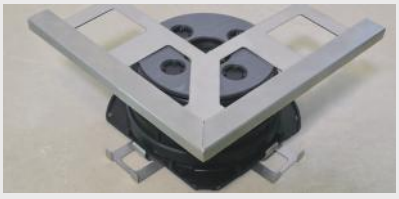
quitar dos lados de la base



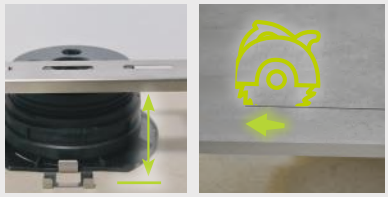
quitar los cuatro aletas

F-1. Coloque bajo la base del soporte dos clips SUPACLP perpendiculares entre ellos.

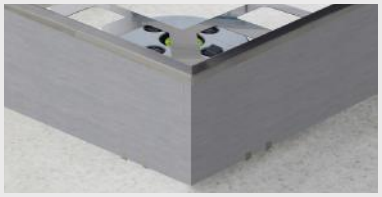
F-2. Coloque el soporte con los ángulos cortados hacia el exterior.



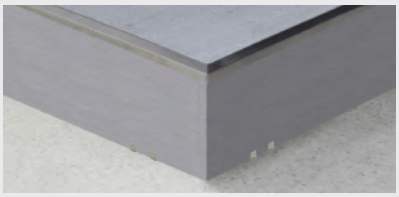
F-3. Sitúe el ángulo exterior del perfil BSJE sobre el cabezal. Apoye el perfil BSJ.



F-4. Corte la baldosa a la medida correspondiente entre el perfil BSJ y el clip SUPACLPB.



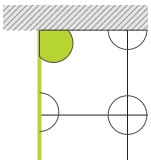
F-5. Encaje la baldosa cortada entre el perfil BSJ y el clip SUPACLPB.



F-6. Colocar la baldosa.

COLOCACIÓN DE PERFIL BST **PERIMETRAL ANGULAR**

BST D



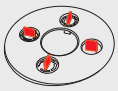
D-1. Coloque bajo la base del soporte el clip SUPACLPB.

D-2. Coloque el soporte con un lado cortado hacia la pared y el otro hacia el exterior.

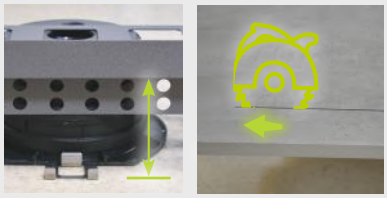
D-3. Coloque el clip distanciador SUPACLPP y el perfil BST sobre el cabezal del soporte.

N.B.

quitar dos lados de la base



quitar los cuatro aletas



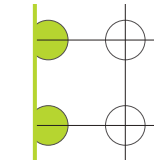
D-4. Corte la baldosa a la medida correspondiente entre el perfil BST y el clip base SUPACLPB.

D-5. Encaje la baldosa cortada entre el perfil BST y el clip SUPACLPB.

D-6. Colocar la baldosa.

COLOCACIÓN DE PERFIL BST **PERIMETRAL TERMINAL**

BST E

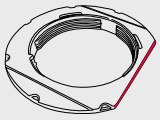


E-1. Coloque bajo la base del soporte el clip SUPACLPB.

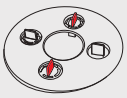
E-2. Coloque el soporte con el lado cortado hacia el exterior.

E-3. Sitúe el perfil BST sobre el cabezal del soporte.

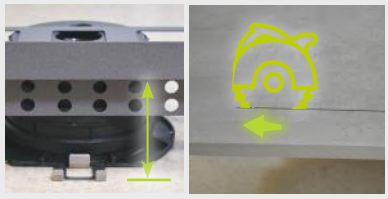
N.B.



quitar un lado de la base



quitar dos aletas



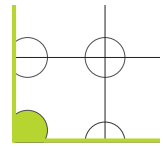
E-4. Corte la baldosa a la medida correspondiente entre el perfil BST y el clip SUPACLPB.

E-5. Encaje la baldosa cortada entre el perfil BST y el clip SUPACLPB.

E-6. Colocar la baldosa.

COLOCACIÓN DE PERFIL BST **TERMINAL ANGULAR**

BST F



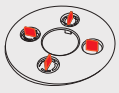
F-1. Coloque bajo la base del soporte dos clips SUPACLP perpendiculares entre ellos.

F-2. Coloque el soporte con los ángulos cortados hacia el exterior.

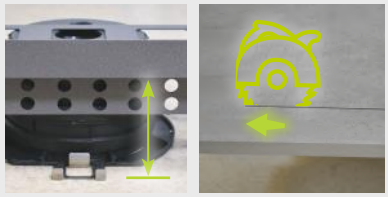
F-3. Sitúe el ángulo exterior del perfil BSTE sobre el cabezal. Apoye el perfil BST.

N.B.

quitar dos lados de la base



quitar los cuatro aletas



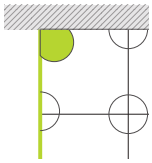
F-4. Corte la baldosa a la medida correspondiente entre el perfil BST y el clip SUPACLPB.

F-5. Encaje la baldosa cortada entre el perfil BST y el clip SUPACLPB.

F-6. Colocar la baldosa.

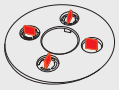
COLOCACIÓN DE PERFIL BSR **PERIMETRAL ANGULAR**

BSR D



N.B.

quitar dos lados de la base



quitar los cuatro aletas

D-1. Coloque el soporte con un lado cortado hacia la pared y el otro hacia el exterior.

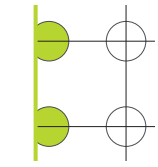
D-2. Sitúe el clip distanciador SUPACLPP sobre el cabezal del soporte.

D-3. Sitúe el perfil BSR sobre el cabezal del soporte.

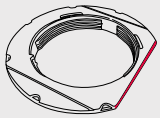
D-4. Colocar la baldosa.

COLOCACIÓN DE PERFIL BSR PARA **PERIMETRAL TERMINAL**

BSR E

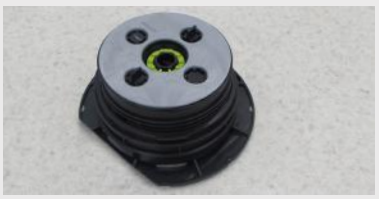


N.B.



quitar un lado de la base

quitar dos aletas



E-1. Coloque el soporte con el lado cortado hacia el exterior.

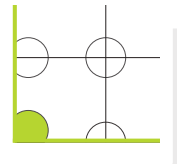
E-2. . Coloque el perfil BSR entre las pestañas sobre el cabezal del soporte.

E-3. Colocar la baldosa.

E-4. Continuar con la colocaciòn de las baldosas.

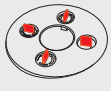
COLOCACIÓN DE PERFIL BSR **TERMINAL ANGULAR**

BSR F



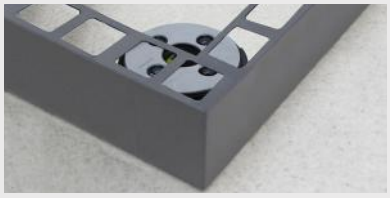
N.B.

quitar dos lados de la base

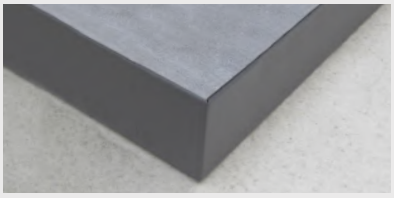


quitar los cuatro aletas

F-1.Coloque el soporte con los ángulos cortados hacia el exterior.



F-2. Deslice el ángulo externo BSRE sobre el perfil BSR.

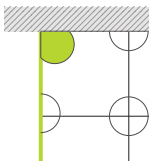


F-3. Colocar la baldosa.

Detalle de la unión BSR + BSRE.

COLOCACIÓN DE CLIP BASE-CABEZAL **PERIMETRAL ANGULAR**

CLIP D



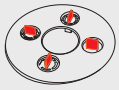
D-1. Coloque bajo la base del soporte el clip SUPACLPB.

D-2. Coloque el soporte con un lado cortado hacia la pared y el otro hacia el exterior.

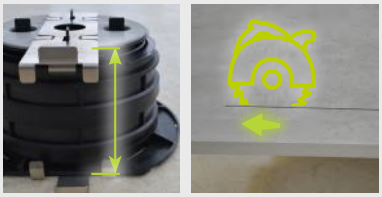
D-3. Sitúe el clip distanciador SUPACLPP perpendicular hacia la pared. Colocar sobre el SUPACLPT.

N.B.

quitar dos lados de la base



quitar los cuatro aletas



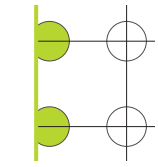
D-4. Corte la baldosa a la medida correspondiente entre SUPACLPT y SUPACLPB.

D-5. Encaje la baldosa cortada entre los dos clip SUPACLPT y SUPACLPB.

D-6. Colocar la baldosa.

COLOCACIÓN DE CLIP BASE-CABEZAL **PERIMETRAL TERMINAL**

CLIP E

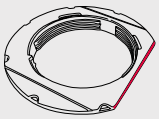


E-1. Coloque bajo la base del soporte el clip SUPACLPB.

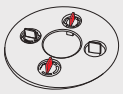
E-2. Coloque el soporte con el lado cortado hacia el exterior.

E-3. . Coloque el clip SUPACLPT entre las dos pestañas situadas sobre el cabezal.

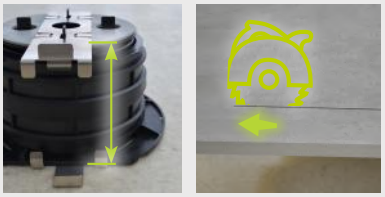
N.B.



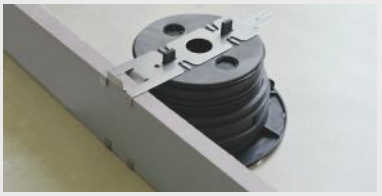
quitar un lado de la base



quitar dos aletas



E-4. Corte la baldosa a la medida correspondiente entre SUPACLPT y SUPACLPB.

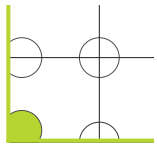


E-5. Encaje la baldosa cortada entre los dos clips SUPACLPT y SUPACLPB.

E-6. Colocar la baldosa.

COLOCACIÓN DE CLIP BASE-CABEZAL **TERMINAL ANGULAR**

CLIP F



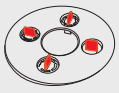
F-1. Coloque bajo la base del soporte dos clip SUPACLPB perpendiculares entre ellos.

F-2. Coloque el soporte con los ángulos cortados hacia el exterior.

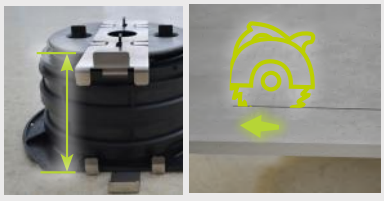
F-3. Sitúe sobre el cabezal del soporte los dos clip SUPACLPT perpendiculares entre ellos.

N.B.

quitar dos lados de la base



quitar los cuatro aletas



F-4. Corte la baldosa a la medida correspondiente entre SUPACLPB y SUPACLPB.

F-5. Encaje la baldosa cortada entre los dos clip SUPACLPT y SUPACLPB.

F-6. Colocar la baldosa.

COMPONENTES PARA LA COLOCACIÓN

ELEMENTOS BASE

Seleccione la pestaña según la necesidad entre:

- 1a SUPAL - 28÷43 mm - 1-3/32÷1-11/16″
- 1b SUPAS - 43÷58 mm - 1-11/16″÷2-9/32″
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm 1-11/16″÷2-9/32″+1-3/16″
- 1d SUPAR120 - (opcional)
- 2 SUPA4 - Aleta con fuga 4 mm - 5/32″
- 3 Rastrel en Aluminio L = 2.40 m - 7-7/8″
- 4 Llave de regulación con 3 funciones


SUPAL

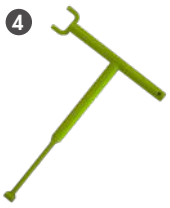

SUPAR120 - (opcional)


SUPAS


SUPAS + SUPAR


SUPA4


SUPAANG240

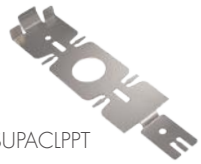

SUPAK

ACCESORIOS PERIMETRALES

- 5 Espaciador perimetral
- 6 Clip borde vertical - cabezal
- 7 Espaciador perimetral - Rastrel
- 8 Espaciador entre baldosas de 4 mm - 5/32″
- 9 Junta para viga


SUPACLPP


SUPACLPT


SUPACLPPT

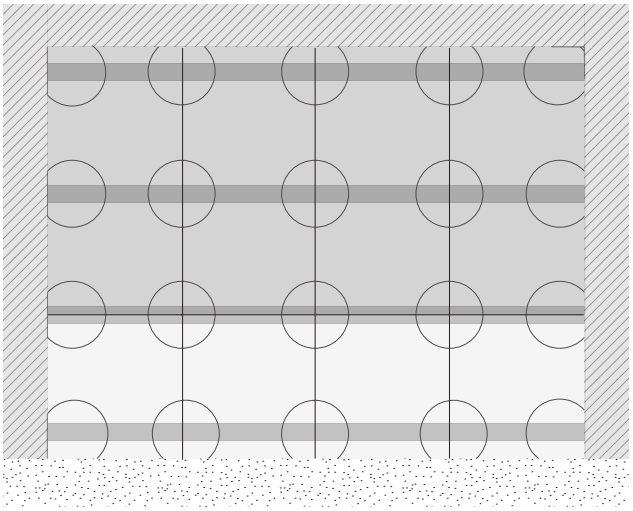

SUPDG


SUPAJG

INSTRUMENTOS ADICIONALES NECESARIOS

- 10 Sierra
- 11 Cinta métrica
- 12 Instrumento de burbuja
- 13 Cortador

ESQUEMA COLOCACIÓN SOPORTES



Ejemplo de esquema de colocación para terraza rectangular cerrada por dos lados. La letra especificada indica el tipo de soporte cuya colocación se explicará detalladamente a continuación.

La instalación debe estar cerrada por todos los lados por paredes o por sistemas específicos de cierre perimetral (clip).

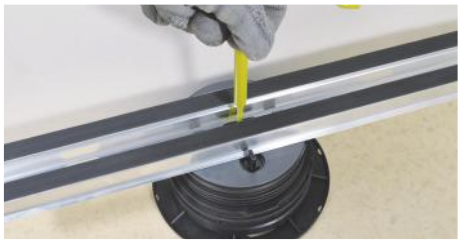
En caso de longitud superior a 2.40 m - 7-7/8", yuxtaponer más rastreles manteniendo una distancia de 5 mm - 3/16" entre el extremo de un rastrel y el inicio del siguiente o inserte la unión SUPAJG específica.

Distancia entre ejes máxima entre los soportes de 50 o 60 cm - 20" a 24" según la longitud del rastrel.

1. Girar la base y retirar dos de los lados a lo largo de la línea precortada.

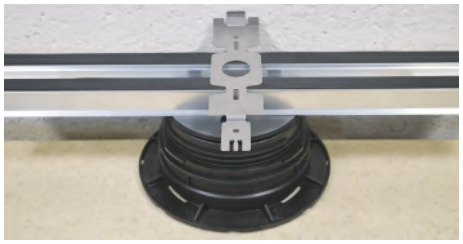
2. Coloque los soportes contra la pared.

3. Introducir la vigueta SUPAANG entre las aletas de los soportes.



4. Nivelar los soporteses con la llave SUPAK para obtener una superficie plana.

5. Esquina - Coloque los clips espaciadores SUPACLPPT perpendiculares y paralelos a la vigueta y en contacto con la pared.



6. Perímetro: coloque el clip espaciador SUPACLPPT perpendicular a la vigueta y en contacto con la pared.

7. Coloque los soportes restantes.

8. Coloque la siguiente vigueta separada de la pared con el clip SUPACLPPT.

9. Continúe con la colocación para toda el área de instalación.

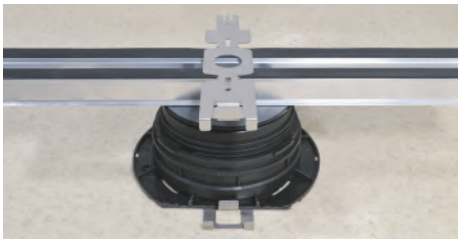
INSTRUCCIONES DE COLOCACIÓN DE BALDOSAS EN RASTREL

CIERRE DEL LADO ABIERTO

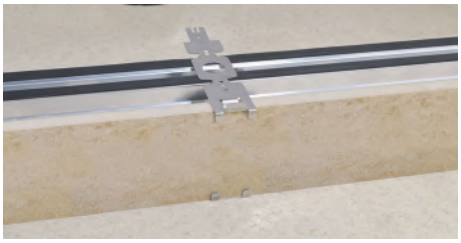
10. Girar la base y retirar dos de los lados a lo largo de la línea precortada.

11. Coloque el soporte con un lado cortado contra la pared y el otro cortado hacia afuera.

12. Esquina - Colocar la vigueta SUPAANG. A continuación, coloque el clip espaciador SUPACLPPT paralelo y el clip de cierre SUPACLPT perpendicular a él.



13. Perímetro - Colocar el clip de cierre SUPACLPT perpendicular a la vigueta



14. Encaje la baldosa cortada entre los dos clips SUPACLPT y SUPACLPB.

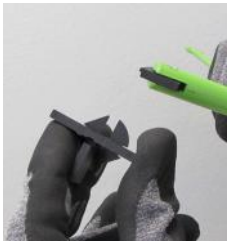
15. Complete la instalación.

COLOCACIÓN DE **BALDOSAS** CON **ESPACIADORES EN RASTRELES** - (baldosas alineadas)

16. Encajar los espaciadores SUPDG en la ranura correspondiente del rastrel, para mantener la misma distancia entre las diferentes baldosas.

17. Colocar el resto de baldosas prestando atención a introducir los espaciadores.

COLOCACIÓN DE **BALDOSAS** CON **ESPACIADORES EN RASTRELES** - (baldosas escalonadas)



16. Encajar los espaciadores SUPDG (quitando las aletas innecesarias) en la ranura correspondiente del rastrel en el punto donde se coloca la baldosa escalonada de la siguiente fila.

17. Colocar el resto de baldosas prestando atención a introducir los espaciadores.

CIERRE CON PERFIL BSJ

Después de posicionar el soporte y sus clips colocar el perfil BSJ.

Encaje la baldosa cortada entre el perfil BSJ y el clip SUPACLPB.

Colocar la baldosa.

CIERRE CON PERFIL BST

Después de posicionar el soporte y sus clips colocar el perfil BST.

Encaje la baldosa cortada entre el perfil BST y el clip SUPACLPB.

Colocar la baldosa.

CIERRE CON PERFIL BSR

Después de posicionar el soporte y el clip SUPACLPPT posicionar el perfil BSR.

Colocar la baldosa.

COMPONENTES PARA LA COLOCACIÓN

ELEMENTOS BASE

Seleccione la pestaña según la necesidad entre:

- 1a SUPAL - 28÷43 mm - 1-3/32÷1-11/16″
- 1b SUPAS - 43÷58 mm - 1-11/16″÷2-9/32″
- 1c SUPAS + SUPAR - 43÷58 mm +30 mm 1-11/16″÷2-9/32″+1-3/16″
- 1d SUPAR120 - (opcional)
- 2 SUPA4 - Aleta con fuga 4 mm - 5/32″
- 3 Rastrel in Aluminio L = 2.40 m - 7-7/8″
- 4 Llave de regulación con 3 funciones


SUPAL


SUPAS


SUPAS + SUPAR


SUPAR120 - (opcional)


SUPA4


SUPAANG240


SUPAK

ACCESORIOS

- 5 Clips para encaje de listones
- 6 Junta para viga

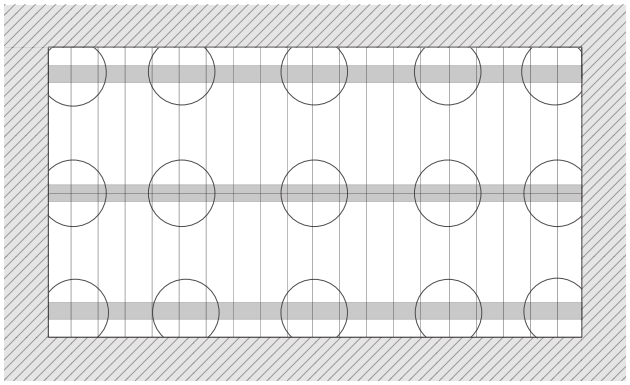

SUPCLIPG


SUPAJG

INSTRUMENTOS ADICIONALES NECESARIOS

- 7 Sierra
- 8 Cinta métrica
- 9 Instrumento de burbuja
- 10 Destornillador
- 11 Tornillos para Aluminio

ESQUEMA COLOCACIÓN SOPORTES



Ejemplo de esquema de colocación para terraza rectangular cerrada por los cuatro lados. La letra especificada indica el tipo de soporte cuya colocación se explicará detalladamente a continuación.

La colocación debe estar cerrada por todos los lados.

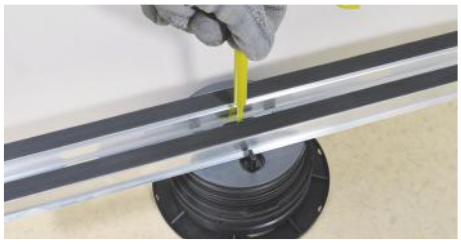
En caso de longitud superior a 2 m - 6'7", yuxtaponer más rastreles manteniendo una distancia de 5 mm - 3/16" entre el extremo de un rastrel y el inicio del siguiente.

Distancia entre ejes máxima entre los soportes de 50 o 60 cm - 20" o 24" según la longitud del rastrel.

1. Girar la base y retirar dos de los lados a lo largo de la línea precortada.

2. Coloque los soportes contra la pared.

3. Introducir la vigueta SUPAANG entre las aletas de los soportes.



4. Nivelar los soporteses con la llave SUPAK para obtener una superficie plana.

5. Introducir el clip horizontalmente y a continuación girarlo 90° para asegurar su encaje.

6. Acerque el clip SUPCLIPG a la pared.

7. Asegure el clip a la vigueta.

8. Coloque el listón de madera encajando su ranura en el clip.

9. Colocar un clip SUPCLIPG para bloquear los listones.

10. Colocar los siguientes clips SUPCLIPG.

11. Colocar todos los listones de madera encajando su ranura en el clip SUPCLIPG.

Nota: *en caso de colocación diagonal del deck con respecto al rastrel, el clip se puede girar un máximo de 40° en ambas direcciones.*

INSTRUCCIONES DE COLOCACIÓN DE MADERA EN VIGA DE MADERA

COMPONENTES PARA LA COLOCACIÓN

ELEMENTOS BASE

Seleccione la pestaña según la necesidad entre:

1a SUPAL - 28÷43 mm - 1-3/32÷1-11/16"

1b SUPAL - 28÷43 mm - 1-3/32÷1-11/16"

1c SUPAS + SUPAR - 43÷58 mm +30 mm 1-11/16"÷2-9/32"+1-3/16"

1d SUPAR120 - (opcional)

1c SUPAL

1b SUPAS

1c SUPAS + SUPAR

1d SUPAR120 - (opcional)

2 SUPAW - Aleta para pequeñas vigas en madera

2 SUPAW

3 Llave de regulación con 3 funciones

3 SUPAK

INSTRUMENTOS ADICIONALES NECESARIOS

4 Vigas de madera

5 Sierra

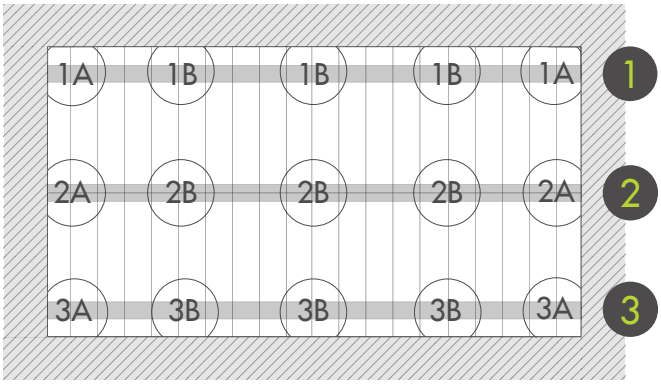
6 Cinta métrica

7 Instrumento de burbuja

8 Destornillador

9 Tornillos para madera

ESQUEMA COLOCACIÓN SOPORTES



Ejemplo de esquema de colocación para terraza rectangular cerrada por los cuatro lados. La letra especificada indica el tipo de soporte cuya colocación se explicará detalladamente a continuación.

La colocación debe estar cerrada por paredes por todos los lados.

En caso de combinación de diferentes vigas, mantener una distancia de 5 mm - 3/16" entre el extremo de una viga y el inicio de la siguiente.

Fijar la viga de madera a las aletas SUPAW de manera alternada (derecha, izquierda) para compensar posibles movimientos del material.

1 CONFIGURACIÓN

COLOCACIÓN DE LOS SOPORTES **DE PARED ESQUINEROS** 1A

1. Girar la base y retirar dos de los lados a lo largo de la línea precortada.

2. Montar el soporte y colocar los dos lados cortados en la esquina.

COLOCACIÓN DE LOS SOPORTES **PERIMETRALES DE PARED** 1B

3. Girar la base y retirar uno de los lados a lo largo de la línea precortada.

4. Montar el soporte y colocarlo con el lado cortado apoyado en la pared.

COLOCACIÓN **VIGA 1**

5. Colocar la viga de madera apoyada en la aleta SUPAW.

6. Atornillar la viga en el soporte a través de las correspondientes ranuras (utilizar un destornillador).

7. Comprobar que la viga esté firmemente fijada en todos los soportes.

2 CONFIGURACIÓN

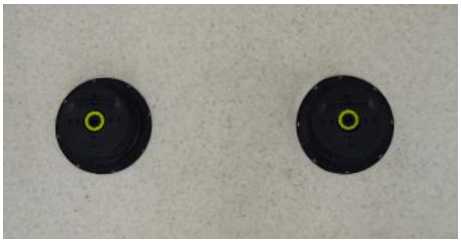
COLOCACIÓN DE LOS SOPORTES **PERIMETRALES DE PARED** 2A

8. Girar la base y retirar uno de los lados a lo largo de la línea precortada.

9. Montar el soporte y colocarlo con el lado cortado apoyado en la pared.

COLOCACIÓN DE LOS SOPORTES **CENTRALES** 2B

10. Montar el soporte y colocarlo en el pavimento.



11. Distancia entre ejes máxima entre los soportes: 50-60 cm - 20"-24".

COLOCACIÓN **VIGA 2**

12. Colocar la viga de madera apoyada en la aleta SUPAW.

13. Atornillar la viga en el soporte a través de las correspondientes ranuras (utilizar un destornillador).

14. Comprobar que la viga esté firmemente fijada en todos los soportes.

3 CONFIGURACIÓN

COLOCACIÓN DEL SOPORTE **DE PARED ESQUINERO** 3A

15. Girar la base y retirar dos de los lados a lo largo de la línea precortada.

16. Montar el soporte y colocar los dos lados cortados en la esquina.

COLOCACIÓN DE LOS SOPORTES **PERIMETRALES**

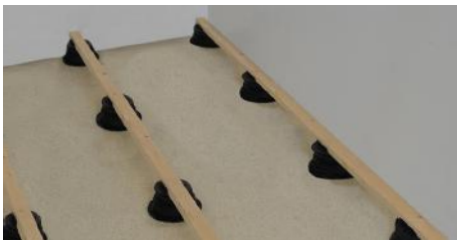
17. Girar la base y retirar uno de los lados a lo largo de la línea precortada.

18. Montar el soporte y colocarlo con el lado cortado apoyado en la pared.

COLOCACIÓN **VIGA 3**

19. Colocar la viga de madera apoyada en la aleta SUPAW

20.* Atornillar la viga en el soporte a través de las correspondientes ranuras (utilizar un destornillador).



21. Comprobar que la viga esté firmemente fijada en todos los soportes.

COLOCACIÓN DE MADERA **EN VIGA CON TORNILLOS**

22. Comprobar que la colocación esté nivelada.

23. Colocar el primer listón de madera en contacto con la pared.

24. Atornillar el listón de madera en la viga que se encuentra debajo con un destornillador adecuado.

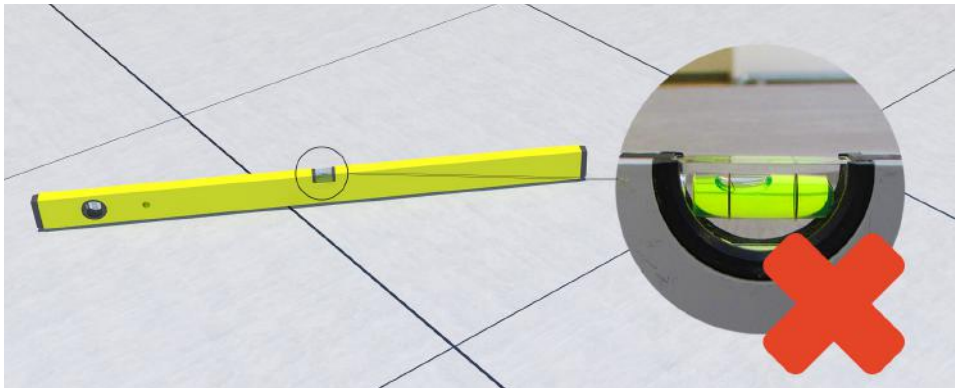
25. Colocar la primera fila de listones de madera atornillándolos en los puntos en los que se apoyan en la viga que se encuentra debajo.

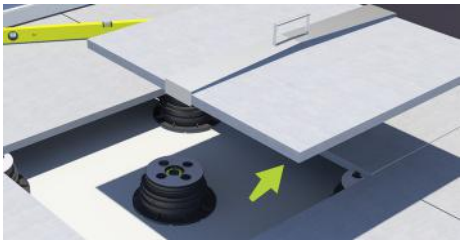
26. Colocar y fijar el resto de listones.

***Nota**: si se prefiere, se pueden fijar los listones a la viga con clavos y martillo.*

A. CASO ESPECIAL - REGULACIÓN DEL SOPORTE CENTRAL

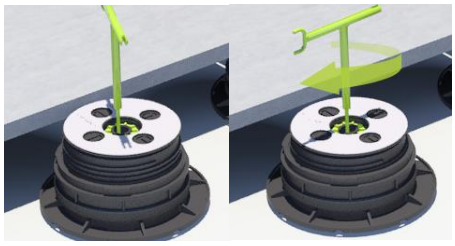
En caso de que haya un desnivel entre las baldosas colocadas, se puede comprobar la altura de los soportes retirando una baldosa y comprobando el soporte central.





1. Levantar la baldosa en cuestión.

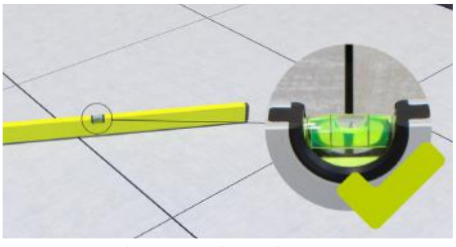
2. Acercar el soporte a la altura de las baldosas contiguas para poder modificar correctamente su altura.



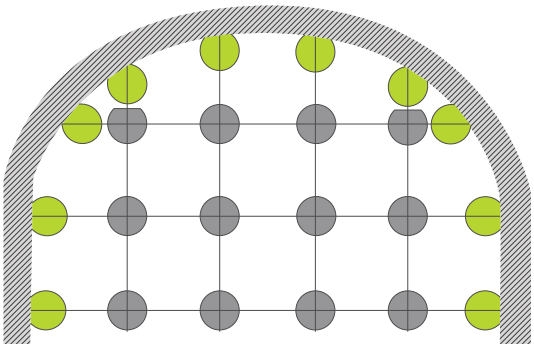
3. Utilizar la llave SUPAK para modificar la altura del soporte.

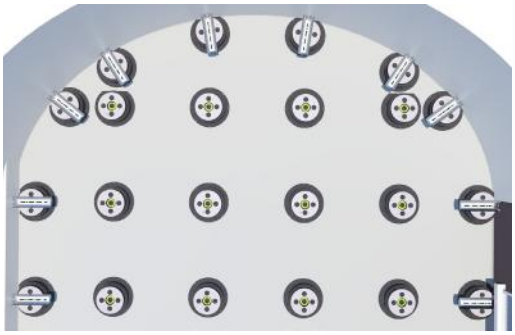
4. Una vez alcanzada la altura correcta, colocar de nuevo el soporte en el centro.

5. Colocar la baldosa.

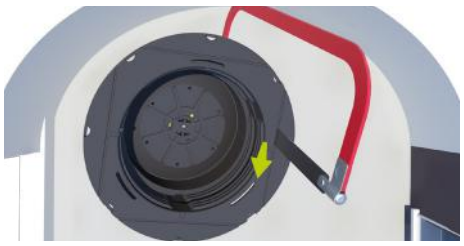


6. Comprobar que la colocación esté nivelada.





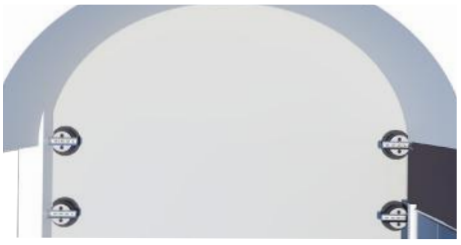
Se recomienda realizar un esquema de colocación antes de proceder con la colocación. Es importante que las baldosas cortados de la pared se apoyen firmemente en todas sus esquinas.



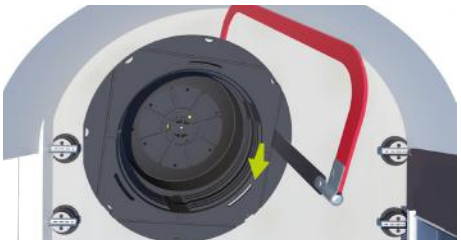
1. Cortar un lado del soporte.

2. Retirar las dos aletas paralelas al corte de la base.

3. Colocar el clip SUPACLPP perpendicular a la pared.



4. Colocar los soportes en las posiciones indicadas en el esquema de diseño.

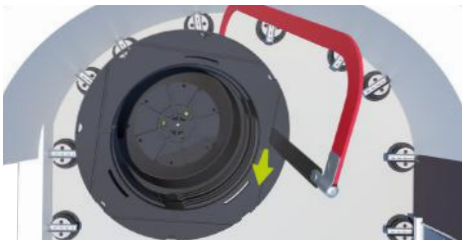


5. Cortar un lado del soporte.

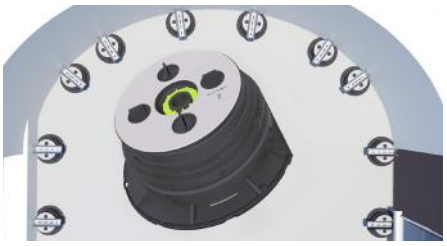
6. Retirar todas las aletas del cabezal.

7. Colocar el clip SUPACLPP perpendicular a la pared.

8. Colocar los soportes en las posiciones indicadas en el esquema de diseño.



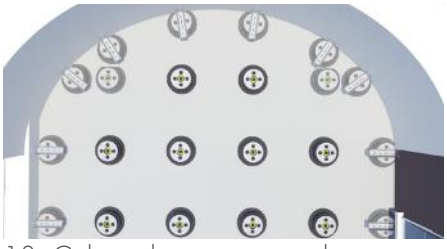
9. Cortar un lado del soporte.



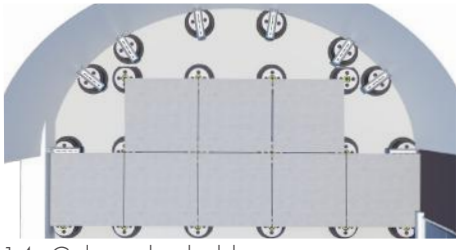
10. Mantener las cuatro aletas.

11. Colocar los soportes en las posiciones indicadas en el esquema de diseño.

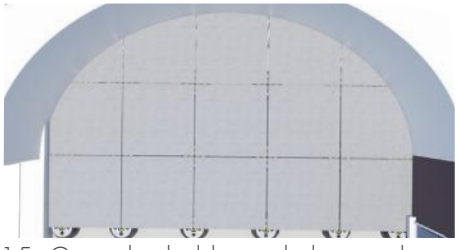
12. Mantener todo el soporte intacto.



13. Colocar los soportes en las posiciones indicadas en el esquema de diseño.



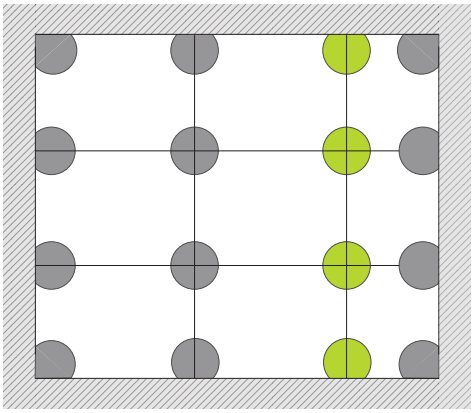
14. Colocar las baldosas enteras siguiendo el esquema de colocación.

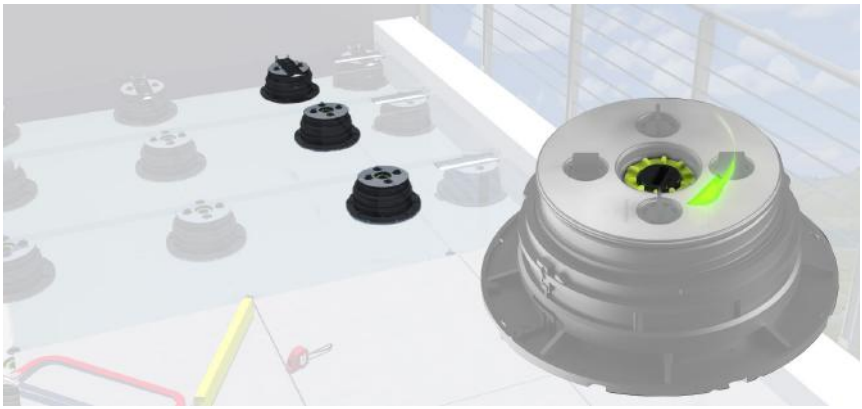


15. Cortar las baldosas de la pared correctamente y colocarlas siguiendo el esquema de colocación.

C. CASO ESPECIAL - CARGA DE PESO DESEQUILIBRADA

Utilizar la modalidad con cabezal fijo solamente en los soportes en los que haya una carga de peso desequilibrada. Ejemplo: terraza cerrada por los cuatro lados y realizada con baldosas de 60x60 cm - 24"x24". Si fuera necesario reducir el tamaño de la última fila de baldosas, los soportes que sostienen simultáneamente las baldosas de 60x60 cm - 24"x24" y las baldosas cortadas deben configurarse en modalidad con cabezal fijo.



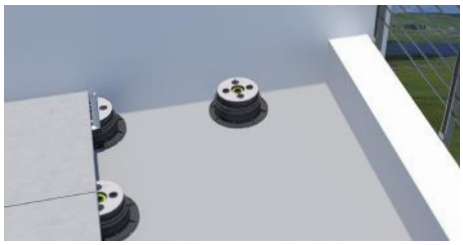


Nota = en caso pavimento con pendiente, utilizar los discos SUPL2 o SUPL3 para soportes en modalidad con cabezal fijo.

SUPL2
espesor 2 mm - 3/32"

SUPL3
espesor 3 mm - 1/8"

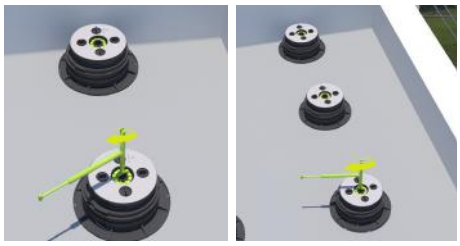
1. Cortar un lado del soporte.



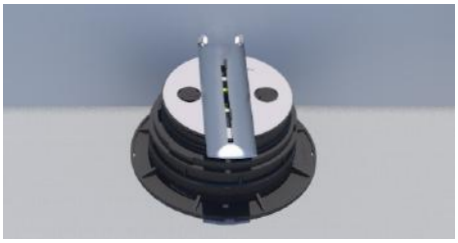
2. Colocar el soporte con el lado cortado en contacto con la pared.

3. Retirar las dos aletas paralelas a la pared.

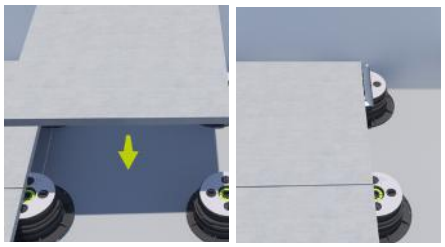
4. Fijar el soporte en modalidad con cabezal fijo atornillando la corona hacia la derecha.



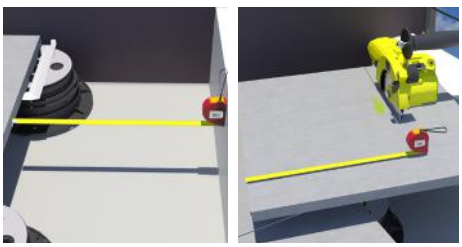
5. Colocar el resto de los soportes y fijar su cabezal atornillando la corona.



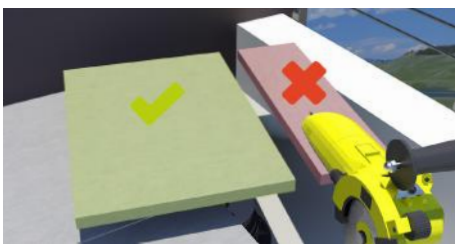
6. Colocar el clip SUPACLPP.



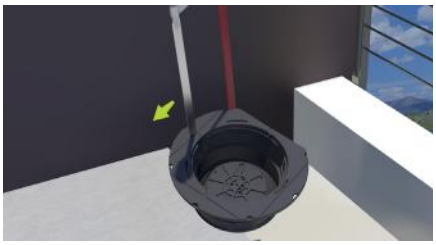
7. Colocar las baldosas.



8. Medir la distancia restante.

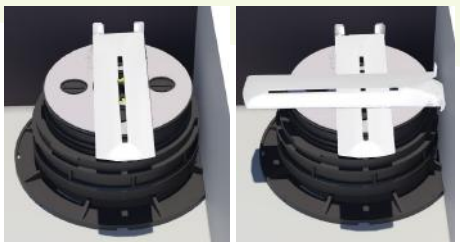


9. Cortar la baldosa.

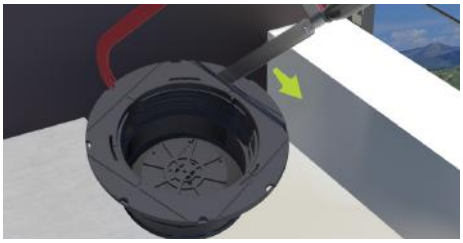


10. Cortar dos lados del soporte.

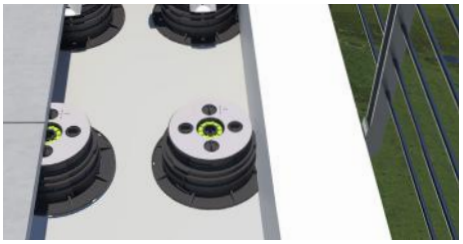
11. Colocar el soporte en ángulo y retirar las 4 aletas.



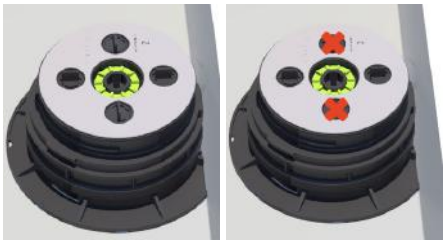
12. Colocar dos clips espaciadores SUPACLPP perpendiculares entre sí.



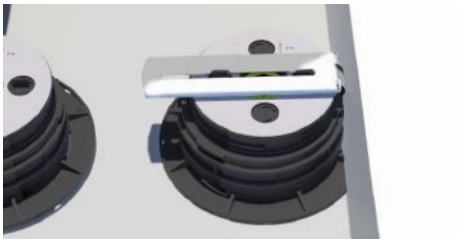
13. Cortar un lado del soporte.



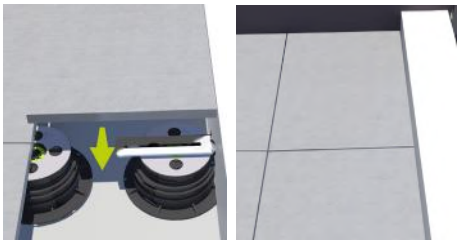
14. Colocar el soporte con el lado cortado en contacto con la pared.



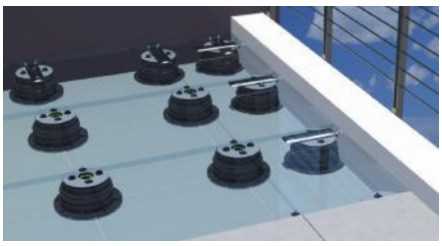
15. Retirar las dos aletas paralelas a la pared.



16. Colocar el clip espaciador SUPACLPP.



17. Colocar las baldosas.

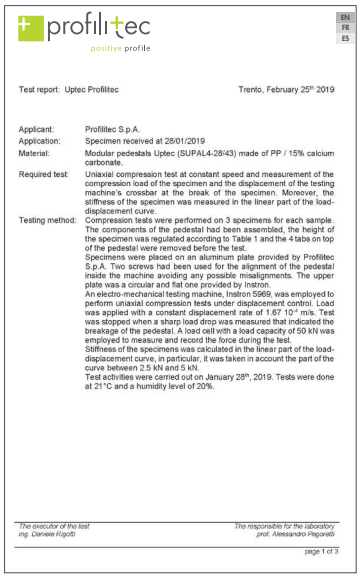


18. Esquema de colocación de los soportes.

Pruebas realizadas por el Departamento de Ingeniería Industrial de la Università degli Studi de Trento.

En la siguiente tabla se indican los valores de la carga de rotura obtenidos probando los soportes en diferentes condiciones: con cabezal fijo o autonivelante, con soporte plano o inclinado y en diferentes condiciones de temperatura y velocidad de aplicación de la carga.

Modelo	Altura		Cabezal	Superficie	Temperatura		Velocidad		Carga de rotura	
	mm	in			°C	°F	mm/min	in/min	kN	lbF
SUPAL-28/43	43	1-11/16	FIJO	HORIZONTAL	21	69.8	10	3/8	15.58 ± 0.54	3502.52 ± 121.4
SUPAL-28/43	43	1-11/16	BASCULANTE	INCLINADA	21	69.8	10	3/8	13.93 ± 0.24	3131.59 ± 211
SUPAS-58/88	88	3-15/32	FIJO	HORIZONTAL	21	69.8	100	4	14.48 ± 0.89	3255.23 ± 200
SUPAS-508/538	538	21-3/16	BASCULANTE	INCLINADA	21	69.8	100	4	13.67 ± 0.90	3073.14 ± 202.33
SUPAS-58/88	88	3-15/32	FIJO	HORIZONTAL	-20	-4	100	4	21.86 ± 0.97	4914.32 ± 218.06
SUPAS-58/88	88	3-15/32	FIJO	HORIZONTAL	80	176	100	4	5.31 ± 0.48	1193.74 ± 107.91



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Test report: Uptec Profilitec — Trento, February 25th 2019

Applicant: Profilitec S.p.A.
Application: Specimen received at 28/01/2019
Material: Modular pedestals Uptec (SUPAL4-28/43) made of PP / 15% calcium carbonate.
Required test: Uniaxial compression test at constant speed and measurement of the compression load of the specimen and the displacement of the testing machine's crossbar at the break of the specimen. Moreover, the stiffness of the specimen was measured in the linear part of the load-displacement curve.
Testing method: Compression tests were performed on 3 specimens for each sample. The components of the pedestal had been assembled, the height of the specimen was regulated according to Table 1 and the 4 tabs on top of the pedestal were removed before the test.
Specimens were placed on an aluminum plate provided by Profilitec S.p.A. Two screws had been used for the alignment of the pedestal inside the machine avoiding any possible misalignments. The upper plate was a circular and flat one provided by Instron.
An electro-mechanical testing machine, Instron 5969, was employed to perform uniaxial compression tests under displacement control. Load was applied with a constant displacement rate of 1.67 10⁻² m/s. Test was stopped when a sharp load drop was measured that indicated the breakage of the pedestal. A load cell with a load capacity of 50 kN was employed to measure and record the force during the test.
Stiffness of the specimens was calculated in the linear part of the load-displacement curve, in particular, it was taken in account the part of the curve between 2.5 kN and 5 kN.
Test activities were carried out on January 28th, 2019. Tests were done at 21°C and a humidity level of 20%.

The executor of the test: ing. Daniele Rigotti — The responsible for the laboratory: prof. Alessandro Pegoretti

page 1 of 3

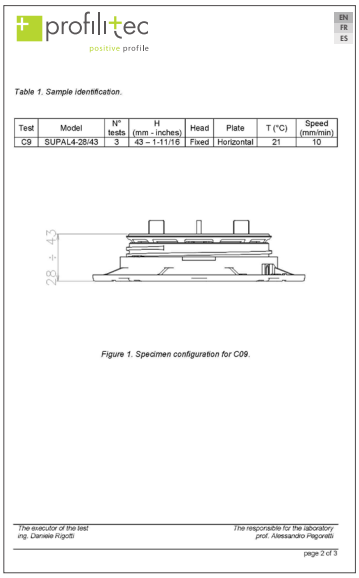

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Table 1. Sample identification.

Test	Model	N° tests	H (mm - inches)	Head	Plate	T (°C)	Speed (mm/min)
C9	SUPAL4-28/43	3	43 – 1-11/16	Fixed	Horizontal	21	10

Figure 1. Specimen configuration for C09.

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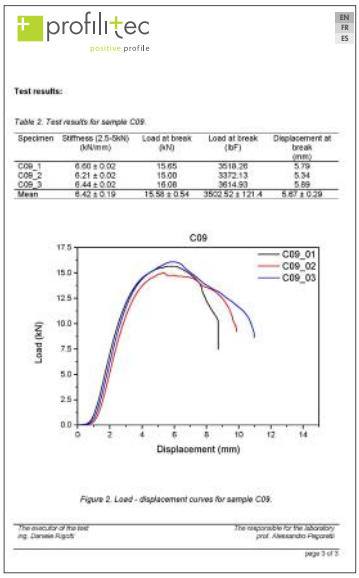
page 2 of 3



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Test results:

Table 2. Test results for sample C09.

Specimen	Stiffness (2.5-5kN) (kN/mm)	Load at break (kN)	Load at break (lbF)	Displacement at break (mm)
C09_1	6.60 ± 0.02	15.65	3518.26	5.79
C09_2	6.21 ± 0.02	15.08	3372.13	5.54
C09_3	6.44 ± 0.02	16.08	3614.93	5.89
Mean	6.42 ± 0.19	15.58 ± 0.54	3502.52 ± 121.4	5.67 ± 0.29

Figure 2. Load - displacement curves for sample C09.

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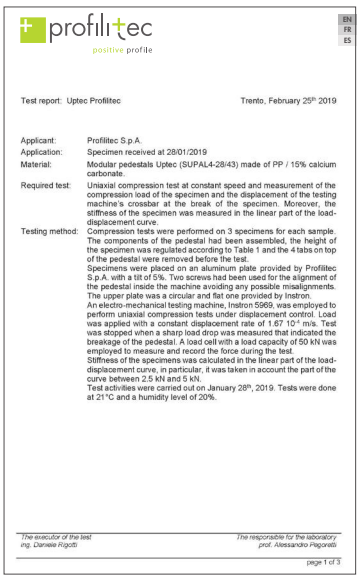
page 3 of 3



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Test report: Uptec Profilitec — Trento, February 25th 2019

Applicant: Profilitec S.p.A.
Application: Specimen received at 28/01/2019
Material: Modular pedestals Uptec (SUPAL4-28/43) made of PP / 15% calcium carbonate.
Required test: Uniaxial compression test at constant speed and measurement of the compression load of the specimen and the displacement of the testing machine's crossbar at the break of the specimen. Moreover, the stiffness of the specimen was measured in the linear part of the load-displacement curve.
Testing method: Compression tests were performed on 3 specimens for each sample. The components of the pedestal had been assembled, the height of the specimen was regulated according to Table 1 and the 4 tabs on top of the pedestal were removed before the test.
Specimens were placed on an aluminum plate provided by Profilitec S.p.A. with a tilt of 5%. Two screws had been used for the alignment of the pedestal inside the machine avoiding any possible misalignments. The upper plate was a circular and flat one provided by Instron.
An electro-mechanical testing machine, Instron 5969, was employed to perform uniaxial compression tests under displacement control. Load was applied with a constant displacement rate of 1.67 10⁻² m/s. Test was stopped when a sharp load drop was measured that indicated the breakage of the pedestal. A load cell with a load capacity of 50 kN was employed to measure and record the force during the test.
Stiffness of the specimens was calculated in the linear part of the load-displacement curve, in particular, it was taken in account the part of the curve between 2.5 kN and 5 kN.
Test activities were carried out on January 28th, 2019. Tests were done at 21°C and a humidity level of 20%.

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page 1 of 3

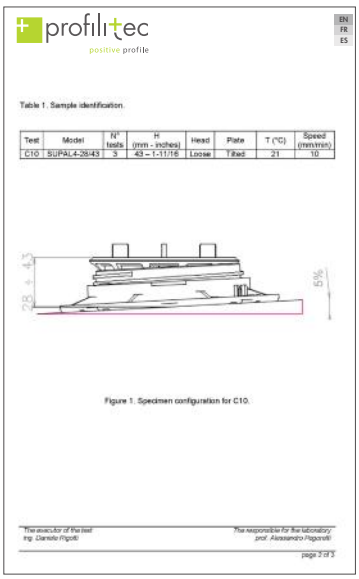

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Table 1. Sample identification.

Test	Model	N° tests	H (mm - inches)	Head	Plate	T (°C)	Speed (mm/min)
C10	SUPAL4-28/43	3	43 – 1-11/16	Loose	Tilted	21	10

Figure 1. Specimen configuration for C10.

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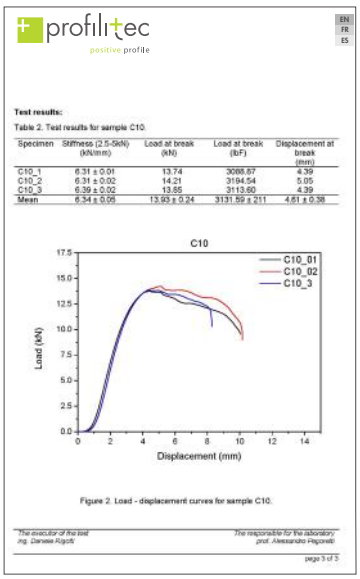
page 2 of 3



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Test results:

Table 2. Test results for sample C10.

Specimen	Stiffness (2.5-5kN) (kN/mm)	Load at break (kN)	Load at break (lbF)	Displacement at break (mm)
C10_1	6.31 ± 0.01	13.74	3088.67	4.39
C10_2	6.31 ± 0.02	14.21	3194.54	5.05
C10_3	6.39 ± 0.02	13.85	3113.60	4.39
Mean	6.34 ± 0.05	13.93 ± 0.24	3131.59 ± 211	4.61 ± 0.38

Figure 2. Load - displacement curves for sample C10.

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page 3 of 3


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