Schluter® Systems

PROFILE OF INNOVATION

FLOOR PROFILES

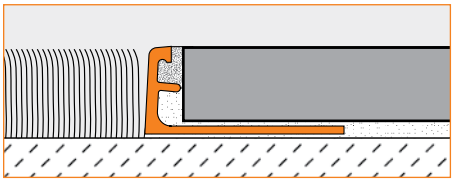
INNOVATIVE SOLUTIONS FOR CERAMIC AND STONE TILE

FINISHING, EDGE PROTECTION, AND TRANSITIONS

Because ceramic and stone tiles are inherently brittle, their exposed edges can chip and crack if left unprotected. Transitions between floor surfaces and at thresholds are particularly vulnerable to damage. Schluter-Systems offers a variety of profiles to provide edge protection and transitioning at thresholds and between adjacent surfaces, resulting in durable, maintenance-free tiled coverings. The profiles can be grouped into two categories: transitions between same-height surfaces and transitions between different-height surfaces.

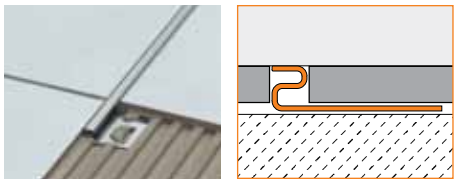
Application and Function

Same-height Transitions

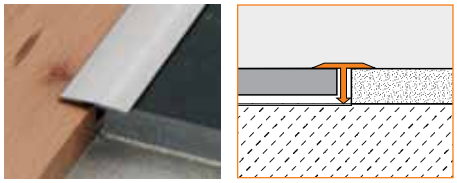


1.1 Schluter®-SCHIENE is designed to provide edging for tile coverings. Typical applications include edge protection where tile is bordered by carpet, at expansion joints, or as a decorative edging for stairs. SCHIENE is available in stainless steel, solid brass, aluminum, and anodized aluminum. The profile features a trapezoid-perforated anchoring leg, which is secured in the mortar bond coat beneath the tile, and an 87° sloped vertical wall section that transfers point loads to the substrate and surface covering while protecting tile edges from damage. SCHIENE, in solid brass, aluminum, and anodized aluminum, features a 5° sloped top flange and fillet at the anchoring leg/vertical section interface to enhance edge protection by reducing

1.1 Schluter®-SCHIENE

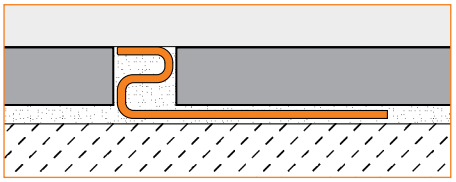


1.6 Schluter®-DECO

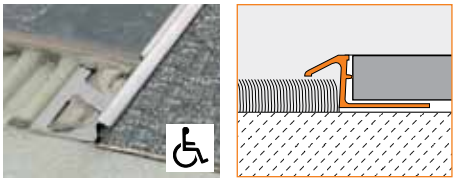


1.3 Schluter®-RENO-T

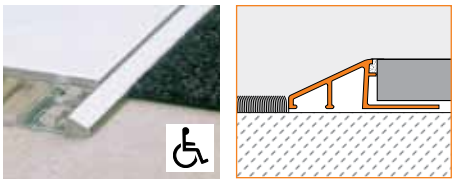
stresses on the tile, and, in sizes greater than 1/4" *(6 mm)*, features an integrated joint spacer that establishes a defined joint cavity between the tile and the profile. The anchoring leg of SCHIENE, in all materials, is available with a special radius perforation "R" so that the profile can be used to form curves.



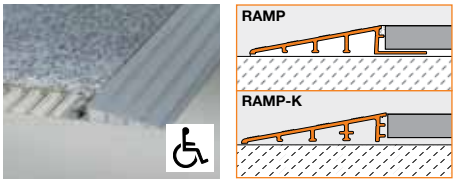
1.6 Schluter®-DECO is designed to provide decorative lines within tile coverings and edge protection at transitions from tile coverings to other same-height surface coverings, such as wood or carpet. The profile is available in stainless steel, solid brass, chrome-plated solid brass, and



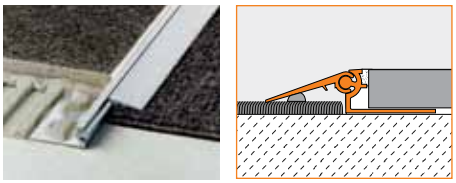
1.4 Schluter®-RENO-TK



1.2 Schluter®-RENO-U

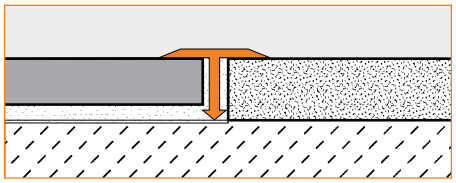


1.8 Schluter®-RENO-RAMP/-RAMP-K



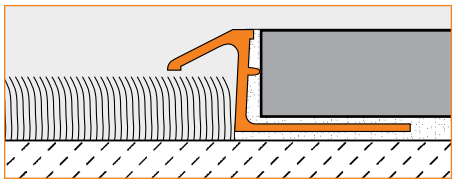
1.7 Schluter®-RENO-V

anodized aluminum. DECO features a trapezoid-perforated anchoring leg, which is secured in the mortar bond coat beneath the tile, and a 1/4" *(6 mm)*-wide visible surface that meets the high aesthetic requirements of showrooms, lobbies, galleries, exhibition booths, etc. The anchoring leg of DECO, in solid brass, chrome-plated solid brass, and anodized aluminum, is available with a special radius perforation "R" so that the profile can be used to form curves. DECO in chrome-plated brass requires a relatively large bending radius.

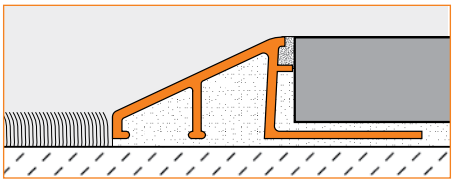


1.3 Schluter®-RENO-T is designed to provide transitions between existing same-height, hard-surface floor coverings (e.g., ceramic tile or natural stone, parquet flooring, concrete pavers, laminate, etc.), primarily in retrofit applications. The profile is available in stainless steel, solid brass, and anodized aluminum. RENO-T is installed within the existing joint cavity and overlaps adjoining surface materials, thus preventing edges from becoming damaged when subjected to mechanical stress. RENO-T, in brass and anodized aluminum size 9/14, is flexible in the lateral direction and can be used in curved applications.

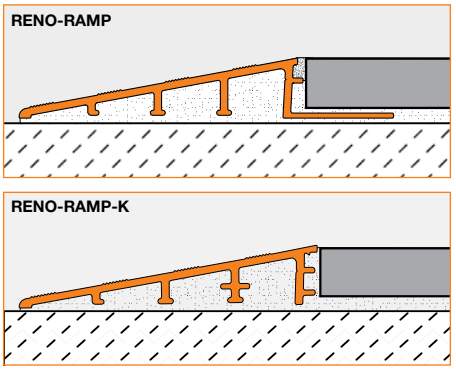
Different-height Transitions



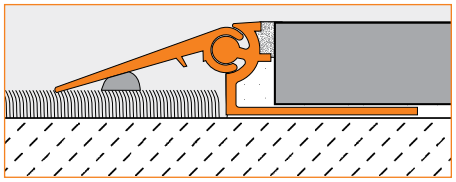
1.4 Schluter®-RENO-TK is designed to provide a smooth transition from tile coverings to floor coverings at lower elevations, typically carpet. The profile is available in stainless steel, solid brass, and anodized aluminum. RENO-TK features a trapezoid-perforated anchoring leg, which is secured in the mortar bond coat beneath the tile, and a sloped surface to eliminate trip hazards and protect tile edges. The 1/4" *(6 mm)* channel beneath the sloped flange of the profile hides and protects the cut edge of lower adjoining surface coverings. All sizes of the RENO-TK are compliant with the Americans with Disabilities Act (ADA). RENO-TK, in anodized aluminum, features an integrated joint spacer that establishes a defined joint cavity between the tile and the profile. The anchoring leg of RENO-TK, in solid brass and anodized aluminum, sizes 60 to 100, is available with a special radius perforation "R" so that the profile can be used to form curves.



1.2 Schluter®-RENO-U is designed to provide a smooth transition between tile coverings and floor coverings at lower elevations or finished concrete. The profile is available in stainless steel, solid brass, anodized aluminum and Tuscan color-coated aluminum. RENO-U features a trapezoid-perforated anchoring leg, which is secured in the mortar bond coat beneath the tile, and a sloped surface (approximately 25°) that eliminates trip hazards and protects tile edges. The leading edge of the profile abuts the lower surface covering, typically VCT. RENO-U, in aluminum, features an integrated joint spacer that establishes a defined joint cavity between the tile and the profile. In installations where the leading edge abuts a lower surface covering, all sizes of RENO-U, except the 3/4" *(20 mm)* and 11/16" *(17.5 mm)*, are compliant with the Americans with Disabilities Act (ADA). In installations where the leading edge rests on top of the lower floor covering (e.g., finished concrete), the 3/4" *(20 mm)*, 11/16" *(17.5 mm)*, and 9/16" *(15 mm)* sizes are not ADA-compliant.



1.8 Schluter®-RENO-RAMP is designed to provide a smooth transition between tile coverings and floor coverings at lower elevations or finished concrete, particularly in commercial applications where wheel carts are used (e.g., bakeries, hospitals, etc.). The profile is available in anodized aluminum. RENO-RAMP features a trapezoid-perforated anchoring leg, which is secured in the mortar bond coat beneath the tile, and a sloped transition surface that terminates at the height of the tile edge. The profile protects tile edges and provides a sloped surface to eliminate trip hazards and allow easy access for wheel carts. RENO-RAMP features an integrated joint spacer that establishes a defined joint cavity between the tile and the profile. **Schluter®-RENO-RAMP-K** is a variant of the profile without an anchoring leg. RENO-RAMP-K is installed adjacent to existing floor coverings, e.g., retrofitting between existing floor coverings and bare concrete without having to disturb the existing flooring. All sizes of RENO-RAMP, except sizes 9/16" *(15 mm)* and 3/4" *(20 mm)*, are compliant with the Americans with Disabilities Act (ADA).



1.7 Schluter®-RENO-V is designed to provide a smooth transition between tile coverings and floor coverings at lower elevations. The profile is available in anodized aluminum. RENO-V features a trapezoid-perforated anchoring leg, which is secured in the mortar bond coat beneath the tile, and a movable transition arm that allows the profile to adjust to the height of the adjacent floor covering via a ball-and-socket joint. The profile protects tile edges and provides a sloped surface to eliminate trip hazards. RENO-V features an integrated joint spacer that establishes a defined joint cavity between the tile and the profile. RENO-V is also suitable for heavy-duty applications (e.g., entrances to garages or loading docks). In such cases, the adjustable arm is backfilled with mortar.

Material Properties and Areas of Application

Schluter edge-protection and transition profiles are resistant to most chemicals encountered in tiled environments. In special cases, the suitability of a proposed type of profile must be verified based on the anticipated chemical, mechanical, and/or other stresses. Exceptions and special

considerations are listed below:

Stainless steel profiles are roll-formed, resulting in a slightly different contour from those made of extruded brass or aluminum. Stainless steel can sustain high mechanical stresses and is particularly well suited for applications requiring resistance against chemicals and acids; for example in the food industry, breweries, diaries, commercial kitchens, and hospitals, as well as in residential applications. Typically, the profiles are formed using 304 (1.4301 = V2A) stainless steel. For more severe chemical exposure, such as de-icing salts and chemicals used in swimming pools, we recommend the use of stainless steel 316 L (1.4404 = V4A), which offers even higher corrosion resistance than the 304. Even stainless steel cannot withstand all chemical exposures, such as hydrochloric acid and hydrofluoric acid or certain chlorine and brine concentrations.

Chrome-plated solid brass is ideal for matching chrome fixtures. Surfaces must be protected against abrasion or scratching.

Solid brass can sustain high mechanical stresses, as well as most chemicals commonly encountered in tiled environments. Solid brass that is exposed to air will oxidize, resulting in a natural patina. If exposed to moisture or aggressive substances, heavy oxidation and spotting may occur.

Aluminum profiles must be tested to verify their suitability if chemical stresses are anticipated. Cementitious materials, in conjunction with moisture, become alkaline. Since aluminum is sensitive to alkaline substances, exposure to the alkali (depending on the concentration and duration of exposure) may result in corrosion (aluminum hydroxide formation). Therefore, it is important to remove mortar or grout residue from visible surfaces. In addition, ensure that the profile is solidly embedded in the setting material and that all cavities are filled to prevent the collection of alkaline water.

Anodized aluminum profiles feature an anodized layer that retains a uniform appearance during normal use. The surface, however, is susceptible to scratching and wear and may be damaged by grout or setting material. Therefore, these materials must be removed immediately. Otherwise, the description regarding aluminum applies.

Tuscan color-coated aluminum is aluminum that is color-coated with real metal powders and dyes in an acrylic resin. The surface coating features a silicone slip additive to reduce the potential for abrasion, but profiles should be protected against scratching. Otherwise, the description regarding aluminum applies.

Installation

SCHIENE, DECO, RENO-TK, RENO-U, RENO-RAMP, and RENO-V

1. Select the profile according to tile thickness.

1b) For RENO-U and RENO-RAMP, fill the cavity beneath the sloped section of the profile with thin-set mortar. Follow this step when RENO-V is used in heavy-duty applications, as well.

2. Using a notched trowel, apply thin-set mortar to the area where the profile is to be placed.
3. Press the perforated anchoring leg of the profile into the mortar and align.
4. Trowel additional thin-set mortar over the perforated anchoring leg to ensure full coverage and support of the tile edges.
5. Solidly embed the tiles so that the tiled surface is flush with the top of the profile; the profile should not be higher than the tiled surface, but rather up to approx. 1/32" *(1 mm)* lower.
6. Set the tile to the integrated joint spacer, which ensures a uniform joint of 1/16" - 1/8" *(1.5 - 3 mm)*. With the stainless steel profiles, leave a space of approximately 1/16" - 1/8" *(1.5 - 3 mm)*.
7. Fill the joint completely with grout or setting material.
8. Remove grout or mortar residue from the visible surface of the profile.

RENO-RAMP-K

1. Fill the cavity beneath the sloped section of the profile with thin-set mortar.
2. Using a notched trowel, apply thin-set mortar to the area where the profile is to be placed.
3. Press the profile into the mortar and abut to the adjacent floor covering. The profile should not be higher than the adjacent floor covering, but rather up to approx. 1/32" *(1 mm)* lower.
4. Fill the joint completely with grout or setting material.
5. Work with materials and tools that will not scratch or damage sensitive surfaces. Setting materials must be removed immediately.

RENO-T

1. Select the profile according to joint width, to ensure proper support of the lateral crosspiece.
2. The joint cavity must be at least 3/8" *(9 mm)* deep and free of debris. Substances that inhibit adhesion must be removed from the sides of the joint.
3. Fill the joint with elastomeric sealant such as Schluter®-KERDI-FIX or similar. Then insert the vertical leg of RENO-T in the joint so that the lateral crosspiece rests completely on the edges of the surface coverings.
4. Remove any excess sealant with a suitable cleaner.

Maintenance

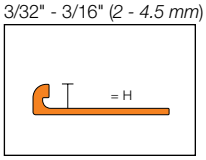
Schluter edge-protection and transition profiles require no special maintenance or care and are resistant to mold and fungi. Clean profiles using common household cleaning agents.

Stainless steel surfaces exposed to the environment or aggressive substances should be cleaned periodically using a mild household cleaner. Regular cleaning maintains the neat appearance of stainless steel and reduces the risk of corrosion. All cleaning agents must be free of hydrochloric and hydrofluoric acid. Stainless steel surfaces develop a sheen when treated with a chrome-polishing agent.

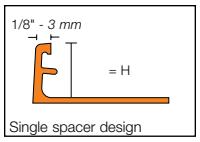
Oxidation films on exposed **solid brass** or **aluminum** can be removed by using a conventional polishing agent, but will form again.

In the case of **anodized aluminum**, **color-coated aluminum, tuscan color-coated aluminum** and **chrome-plated solid brass**, do not use abrasive cleaning agents. Damage to the anodized layer can be repaired by applying varnish.

Aluminum, Brass
3/32" - 3/16" (*2 - 4.5 mm*)

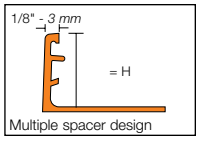


1/4" - 1/2" (*6 - 12.5 mm*)



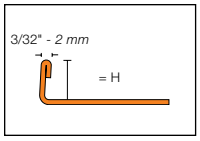
Single spacer design

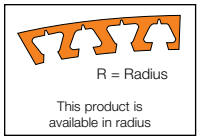
17/32" - 1-3/16" (*14 - 30 mm*)



Multiple spacer design

Stainless steel





This product is available in radius

1.1 Schluter®-SCHIENE

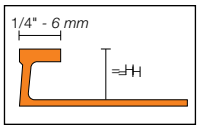
H = mm - *in.*	Item No.					
	Stainless steel 316L (1.4404 = V4A) (E/V4A)	Stainless steel 304 (1.4301 = V2A) (E)	Brushed stainless steel 304 (1.4301 = V2A) (EB)	Solid brass (M)	Aluminum (A)	Satin anodized aluminum (AE)
2 - *3/32*	-	E 20	-	-	A 20	AE 20
3 - *1/8*	-	E 30	-	M 30	A 30	AE 30
4.5 - *3/16*	E 45/V4A	E 45	-	M 45	A 45	AE 45
6 - *1/4*	E 60/V4A	E 60	E 60 EB	M 60	A 60	AE 60
7 - *9/32*	-	E 70	-	-	A 70	AE 70
8 - *5/16*	E 80/V4A	E 80	E 80 EB	M 80	A 80	AE 80
9 - *11/32*	-	E 90	-	M 90	A 90	AE 90
10 - *3/8*	E 100/V4A	E 100	E 100 EB	M 100	A 100	AE 100
11 - *7/16*	-	E 110	E 110 EB	M 110	A 110	AE 110
12.5 - *1/2*	E 125/V4A	E 125	E 125 EB	M 125	A 125	AE 125
14 - *17/32*	-	E 140	-	-	A 140	AE 140
15 - *9/16*	E 150/V4A	E 150	-	M 150	A 150	AE 150
16 - *5/8*	-	E 160	-	M 160	A 160	AE 160
17.5 - *11/16*	E 175/V4A	E 175	-	M 175	A 175	AE 175
20 - *3/4*	E 200/V4A	E 200	-	M 200	A 200	AE 200
21 - *13/16*	-	-	-	-	A 210	AE 210
22.5 - *7/8*	E 225/V4A	E 225	-	M 225	A 225	AE 225
25 - *1*	E 250/V4A	E 250	-	M 250	A 250	AE 250
27.5 - *1-1/16*	-	-	-	-	A 275	AE 275
30 - *1-3/16*	E 300/V4A	E 300	-	M 300	A 300	AE 300

H = mm - *in.*	Item No.			
	Bright chrome anodized aluminum (ACB)	Bright nickel anodized aluminum (ATB)	Bright copper/bronze anodized aluminum (AKB)	Bright brass anodized aluminum (AMB)
6 - *1/4*	A 60 ACB	A 60 ATB	A 60 AKB	A 60 AMB
8 - *5/16*	A 80 ACB	A 80 ATB	A 80 AKB	A 80 AMB
10 - *3/8*	A 100 ACB	A 100 ATB	A 100 AKB	A 100 AMB
12.5 - *1/2*	A 125 ACB	A 125 ATB	A 125 AKB	A 125 AMB

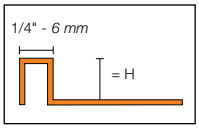
Length supplied: 8' 2-1/2" — *2.5 m*

Note: Additional finishes are available for this product. The design configuration of Schluter®-SCHIENE is identical to that of Schluter®-JOLLY (see Wall and Countertop Profiles). However, their materials and finishes do vary. SCHIENE, in all materials and finishes, is suitable for floor applications, as well as wall and countertop applications. JOLLY is suited primarily for walls and countertops. However, JOLLY in AM, AMGB, AK, AKGB, AT, ATGB, ABGB and ACGB is also suitable for floors, and may be used in such applications to increase design options.

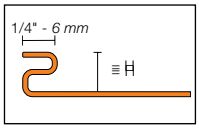
Aluminum & MC 90 D



Brass



Stainless steel



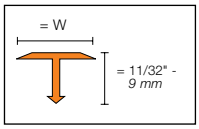
1.4 Schluter®-DECO

H = mm - *in.*	Item No. Stainless steel 304 (1.4301 = V2A) (E)	Solid brass (M)	Chrome-plated Solid brass (MC)	Satin anodized aluminum (AE)
8 - *5/16*	E 80 D	-	MC 80 D	AE 80 D
9 - *11/32*	E 90 D	M 90 D	MC 90 D	-
10 - *3/8*	E 100 D	-	-	AE 100 D
11 - *7/16*	E 110 D	M 110 D	MC 110 D	-
12.5 - *1/2*	E 125 D	M 125 D	MC 125 D	AE 125 D
14 - *17/32*	E 140 D	-	-	-
16 - *5/8*	E 160 D	-	-	-
18.5 - *23/32*	E 185 D	-	-	-
21 - *13/16*	E 210 D	-	-	-
25 - *1*	E 250 D	-	-	-
30 - 1-*3/16*	E 300 D	-	-	-

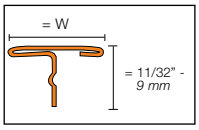
Length supplied: 8' 2-1/2" — *2.5 m*

R = Radius **Note:** Only the brass and aluminum DECO are available in radius.

Aluminum, Brass



Stainless steel

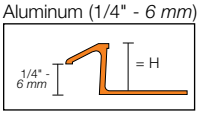


1.3 Schluter®-RENO-T

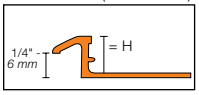
W = mm - *in.*	Item No. Stainless steel 304 (1.4301 = V2A) (E)	Brushed stainless steel 304 (1.4301 = V2A) (EB)	Solid brass (M)	Satin anodized aluminum (AE)	Satin nickel anodized alu.minum (AT)	Satin copper/bronze anodized aluminum (AK)	Satin brass anodized aluminum (AM)
14 - *9/16*	T 9/14 E	T 9/14 EB	T 9/14 M	T 9/14 AE	T 9/14 AT	T 9/14 AK	T 9/14 AM
25 - *1*	T 9/25 E	T 9/25 EB	T 9/25 M	T 9/25 AE	T 9/25 AT	T 9/25 AK	T 9/25 AM

Length supplied: 8' 2-1/2" — *2.5 m*

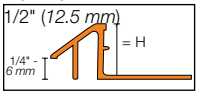
Aluminum (1/4" - *6 mm*)



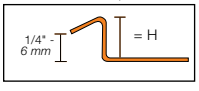
Aluminum 5/16" - 3/8" (*8 - 10 mm*)



Aluminum 1/2" (*12.5 mm*)



Stainless steel, Brass



1.4 Schluter®-RENO-TK

H = mm - *in.*	Item No. Stainless steel 304 (1.4301 = V2A) (E)	Brushed stainless steel 304 (1.4301 = V2A) (EB)	Solid brass (M)	Satin anodized aluminum (AE)	Bright chrome anodized aluminum (ACB)	Satin nickel anodized alu.minum (AT)	Brushed nickel anodized aluminum (ATGB)
6 - *1/4*	-	-	-	AETK 60	ATK 60 ACB	ATK 80 AT	-
8 - *5/16*	ETK 80	EBTK 80	MTK 80	AETK 80	ATK 80 ACB	ATK 80 AT	ATK 80 ATGB
10 - *3/8*	ETK 100	EBTK 100	MTK 100	AETK 100	ATK 100 ACB	ATK 100 AT	ATK 100 ATGB
11 - *7/16*	ETK 110	EBTK 110	-	-	-	-	-
12.5 - *1/2*	ETK 125	EBTK 125	MTK 125	AETK 125	ATK 125 ACB	ATK 125 AT	ATK 125 ATGB

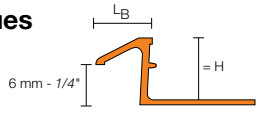
H = mm - *in.*	Item No. Satin copper/bronze anodized aluminum (AK)	Brushed copper/bronze anodized aluminum (AKGB)	Brushed antique bronze anodized aluminum (ABGB)	Bright brass anodized aluminum (AMB)
6 - *1/4*	ATK 60 AK	-	-	AU 60 AMB
8 - *5/16*	ATK 80 AK	ATK 80 AKGB	ATK 80 ABGB	AU 80 AMB
10 - *3/8*	ATK 100 AK	ATK 100 AKGB	ATK 100 ABGB	AU 100 AMB
12.5 - *1/2*	ATK 100 AK	ATK 100 AKGB	ATK 125 ABGB	AU 125 AMB

Length supplied: 8' 2-1/2" — *2.5 m*

ADA-Compliant

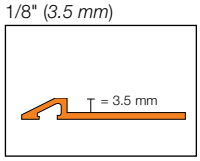
R = Radius **Note:** Only the brass and aluminum RENO-TK are available in radius (sizes 60 - 100).

Diagram Values

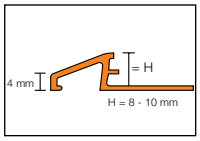


H = mm - *in.*	L_B = mm - in. Aluminum	Stainless steel/ Brass
6 - *1/4*	7 - *9/32*	-
8 - *5/16*	9 - *11/32*	6 - *1/4*
10 - *3/8*	9 - *11/32*	12 - *15/32*
11 - *7/16*	-	13.5 - *17/32*
12.5 - *1/2*	16 - *5/8*	17 - *21/32*

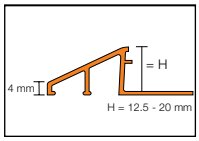
Aluminum
1/8" (*3.5 mm*)



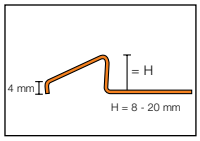
5/16" - 3/8" (*8 - 10 mm*)



1/2" - 3/4" (*12.5 - 20 mm*)



Stainless steel, Brass



1.2 Schluter®-RENO-U

H = mm - *in.*	Item No.						
	Stainless steel 304 (1.4301 = V2A) (E)	Brushed stainless steel 304 (1.4301 = V2A) (EB)	Solid brass (M)	Satin anodized aluminum (AE)	Bright chrome anodized aluminum (ACB)	Satin nickel anodized alu.minum (AT)	Brushed nickel anodized aluminum (ATGB)
3.5 - *1/8*	-	-	-	AEU 35	-	-	-
8 - *5/16*	EU 80	EBU 80	MU 80	AEU 80	AU 80 ACB	AU 80 AT	AU 80 ATGB
10 - *3/8*	EU 100	EBU 100	MU 100	AEU 100	AU 100 ACB	AU 100 AT	AU 100 ATGB
11 - *7/16*	EU 110	EBU 110	-	-	-	-	-
12.5 - *1/2*	EU 125	EBU 125	MU 125	AEU 125	AU 125 ACB	AU 125 AT	AU 125 ATGB
15 - *9/16*	EU 150	EBU 150	MU 150	AEU 150	-	-	-
17.5 - *11/16*	EU 175	EBU 175	MU 175	AEU 175	-	-	-
20 - *3/4*	EU 200	EBU 200	MU 200	-	-	-	-

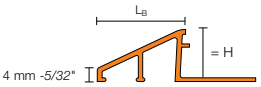
H = mm - *in.*	Item No.					
	Satin copper/bronze anodized aluminum (AK)	Brushed copper/bronze anodized aluminum (AKGB)	Brushed antique bronze anodized aluminum (ABGB)	Satin brass anodized aluminum (AM)	Bright brass anodized aluminum (AMB)	Tuscan bronze color-coated aluminum (TSOB)
8 - *5/16*	AU 80 AK	AU 80 AKGB	AU 80 ABGB	AU 80 AM	AU 80 AMB	AU 80 TSOB
10 - *3/8*	AU 100 AK	AU 100 AKGB	AU 100 ABGB	AU 100 AM	AU 100 AMB	AU 100 TSOB
12.5 - *1/2*	AU 125 AK	AU 125 AKGB	AU 125 ABGB	AU 125 AM	AU 125 AMB	AU 125 TSOB

Length supplied: 8' 2-1/2" — *2.5 m*

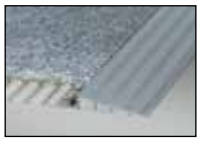
ADA-Compliant

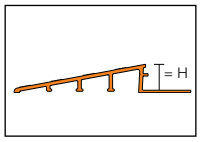
Note: When leading edge abuts lower surface covering, sizes 3/4" *(20 mm)* and 11/16" *(17.5 mm)* are not ADA-compliant. When leading edge rests on top of lower surface covering, sizes 3/4" *(20 mm)*, 9/16" *(15 mm)*, and 11/16" *(12.5 mm)* are not ADA-compliant.

Diagram Values



H = mm - *in.*	L_B = mm - *in.*	
	Aluminum	Stainless steel/Brass
3.5 - *1/8*	9 - 23/64	-
8 - *5/16*	12.5 - 31/64	13 - *33/64*
10 - *3/8*	16.5 - 21/32	17.5 - *11/16*
11 - *7/16*	-	19.5 - *49/64*
12.5 - *1/2*	22 - 55/64	23 - *29/32*
15 - *9/16*	27.5 - 1-5/64	28 - *1-7/64*
17.5 - *11/16*	27 - 1-1/16	33.5 - *1-5/16*
20 - *3/4*	*31.5 - 1-15/64*	40 - *1-37/64*





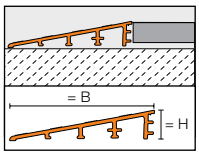
1.8 Schluter®-RENO-RAMP

H = mm - *in.*	Item No.
	Satin anodized aluminum (AE)
B = 50 mm - *2"*	
6 - *1/4*	AERP 60 B50
B = 64 mm - *2-1/2"*	
10 - *3/8*	AERP 100 B65
12.5 - *1/2*	AERP 125 B65
B = 89 mm - *3-1/2"*	
12.5 - *1/2*	AERP 125 B90
15 - *9/16*	AERP 150 B90
20 - *3/4*	AERP 200 B90

Length supplied: 8' 2-1/2" — *2.5 m*

ADA-Compliant

Note: RENO-RAMP sizes 3/4" - *20 mm* and 9/16" - *15 mm* are not ADA-compliant.



B = 64 mm - *2-1/2"*

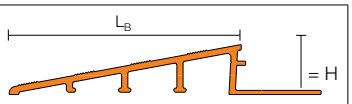
1.8 Schluter®-RENO-RAMP-K

H = mm - *in.*	Item No.
	Satin anodized aluminum (AE)
B = 64 mm - *2-1/2"*	
12.5 - *1/2*	AERPK 125 B65

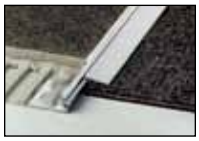
Length supplied: 8' 2-1/2" — *2.5 m*

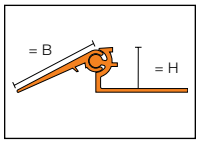
Diagram Values

Length supplied: 8' 2-1/2" — *2.5 m*



H = mm - *in.*	L_B = mm - *in.*
6 - *1/4*	50 - *2*
10 - *3/8*	64 - *2-1/2*
12.5 - *1/2*	89 - *3-1/2*
12.5 - *1/2*	89 - *3-1/2*
15 - *9/16*	89 - *3-1/2*
20 - *3/4*	89 - *3-1/2*

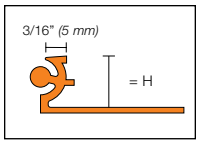




1.7 Schluter®-RENO-V

H = mm - *in.*	Item No. Satin anodized aluminum (AE)	Satin brass anodized aluminum (AM)
B = 20 mm - *3/4"*		
8 - *5/16*	AEVT 80 B20	AVT 80 B20
10 - *3/8*	AEVT 100 B20	AVT 100 B20
12.5 - *1/2*	AEVT 125 B20	AVT 125 B20
15 - *9/16*	AEVT 150 B20	AVT 150 B20
17.5 - *11/16*	AEVT 175 B20	AVT 175 B20
20 - *3/4*	AEVT 200 B20	AVT 200 B20
B = 30 mm - *1-3/16"*		
8 - *5/16*	AEVT 80 B30	AVT 80 B30
10 - *3/8*	AEVT 100 B30	AVT 100 B30
12.5 - *1/2*	AEVT 125 B30	AVT 125 B30
15 - *9/16*	AEVT 150 B30	AVT 150 B30
17.5 - *11/16*	AEVT 175 B30	AVT 175 B30
20 - *3/4*	AEVT 200 B30	AVT 200 B30
B = 40 mm - *1-9/16"*		
8 - *5/16*	AEVT 80 B40	AVT 80 B40
10 - *3/8*	AEVT 100 B40	AVT 100 B40
12.5 - *1/2*	AEVT 125 B40	AVT 125 B40
15 - *9/16*	AEVT 150 B40	AVT 150 B40
17.5 - *11/16*	AEVT 175 B40	AVT 175 B40
20 - *3/4*	AEVT 200 B40	AVT 200 B40

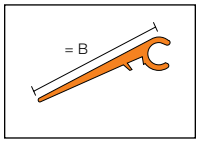
Length supplied: 8' 2-1/2" — *2.5 m*



1.7 Schluter®-RENO-VT

H = mm - *in.*	Item No. Satin anodized aluminum (AE)	Satin brass anodized aluminum (AM)
8 - *5/16*	AEVT 80	AMVT 80
10 - *3/8*	AEVT 100	AMVT 100
12.5 - *1/2*	AEVT 125	AMVT 125
15 - *9/16*	AEVT 150	AMVT 150
17.5 - *11/16*	AEVT 175	AMVT 175
20 - *3/4*	AEVT 200	AMVT 200

Length supplied: 8' 2-1/2" — *2.5 m*



1.7 Schluter®-RENO-VB

B = mm - *in.*	Item No. Satin anodized aluminum (AE)	Satin brass anodized aluminum (AM)
20 - *3/4*	AEVB 20	AMVB 20
30 - *1-3/16*	AEVB 30	AMVB 30
40 - *1-9/16*	AEVB 40	AMVB 40

Length supplied: 8' 2-1/2" — *2.5 m*

Schluter®-Systems Floor Profiles 5-Year Limited Warranty

COVERAGE AND CONDITIONS: Subject to the conditions and limitations as stated hereinafter, **Schluter-Systems*** warrants that **Schluter®-Systems Floor Profiles** (the "Products")** will be free from manufacturing defects for a period of five (5) years from the date of purchase and only when the Products are used and installed in accordance with the terms and conditions of the Schluter®-Systems Floor Profiles Technical Data Sheet and industry standard guidelines that are not in conflict with the Data Sheet in effect at the time of installation. It is the responsibility of the owner/builder/installer to ensure the suitability of all building materials and all associated building materials for the owner's intended use. Visual defects or nonconformities apparent prior to installation are not covered by this warranty. Further, this warranty does not cover normal wear and tear or other damage (e.g., scratches, discoloration, fading, etc.) caused by impacts or accidents. It is recommended that the owner consult an experienced and professional installer.

RESOLUTION: If the Products fail to meet this warranty, then the owner's exclusive remedy and the sole obligation of Schluter-Systems, at its election, shall be to a) reinstall or replace the failed portion of the tile assembly or b) pay an amount not to exceed the original square foot cost of the installation of the tile assembly verified to be defective. Tile assembly is defined to include all Schluter®-Systems Floor Profiles, non-reusable tile surfaces, and the appropriate setting and grouting materials. Further, due to conditions beyond the control of Schluter-Systems (e.g., color and shade availability, discontinuation, normal wear and tear), Schluter-Systems cannot guarantee or warrant an exact match to the specific tile, stone, or other flooring materials used in the installation. In such events, substantially similar materials may be substituted.

DISCLAIMER: THERE ARE NO WARRANTIES BEYOND THIS EXPRESSED WARRANTY AS STATED ABOVE. ALL OTHER WARRANTIES, REPRESENTATIONS OR CONDITIONS, EXPRESSED OR IMPLIED, ARE DISCLAIMED AND EXCLUDED, INCLUDING WARRANTIES, REPRESENTATIONS OR CONDITIONS OF **MERCHANTABILITY** OR FITNESS FOR A PARTICULAR PURPOSE ARISING BY STATUTE OR OTHERWISE BY LAW OR FROM A COURSE OF DEALING OR USAGE OF TRADE. SCHLUTER-SYSTEMS EXCLUDES AND IN NO EVENT SHALL HAVE ANY LIABILITY FOR LOST PROFITS OR ANY OTHER INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, EXEMPLARY, OR CONSEQUENTIAL DAMAGES, ARISING OUT OF OR OTHERWISE CONNECTED TO FAILURE OF THE PRODUCTS OR TILE ASSEMBLY OF WHICH THEY ARE PART, NOR MISUSE OF THE PRODUCTS OR TILE ASSEMBLY, REGARDLESS OF ANY STRICT LIABILITY, ACTIVE OR PASSIVE NEGLIGENCE OF SCHLUTER-SYSTEMS, AND REGARDLESS OF THE LEGAL THEORY (CONTRACT OR TORT OR EXTRA-CONTRACTUAL OR OTHER), NOR FROM ACTS OF WAR, TERRORISM, FAULTY AND NEGLIGENT PENETRATION OF THE SYSTEM, FIRES, EXPLOSIONS, ACTS OF GOD, INTENTIONAL ACTS OF DESTRUCTION OR ANY LOSSES DUE TO STRUCTURAL FAILURE OR OTHER CAUSES UNRELATED TO THE PRODUCTS OR DELAYS, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY IS GIVEN IN LIEU OF ANY OTHER WARRANTY EXPRESSED OR IMPLIED. THE REMEDIES CONTAINED HEREIN ARE THE ONLY REMEDIES AVAILABLE FOR BREACH OF THIS WARRANTY. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, SOME STATES AND PROVINCES DO NOT ALLOW DISCLAIMERS OR OTHER RESTRICTIONS OF IMPLIED WARRANTIES SO SOME OF THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

TRANSFERABILITY: This Limited Warranty extends ONLY to the original end user (defined as original intended owner and user of the property/unit in which the installation is incorporated - herein referred to as "Owner") and is not transferable or assignable, unless approved in writing by the Technical Director or an Officer of Schluter-Systems or otherwise prohibited by specific state or provincial law.

MODIFICATIONS TO WARRANTY: No changes or modification of any terms or conditions of this warranty are allowed unless authorized by written agreement and signed by the Technical Director or an Officer of Schluter-Systems.

EFFECTIVE DATE: This warranty shall supersede and replace any and all prior oral or written warranties, agreements, or other such representations made by or on behalf of Schluter-Systems relative to the Products or the application of the Products and shall apply to any installation occurring on or after January 1, 2013.

CLAIMS ON THIS LIMITED WARRANTY: To make a claim under this Limited Warranty, the Owner must provide Schluter-Systems with written notice within 30 days of any alleged defect in the Products covered by this Limited Warranty, together with date and proof of purchase of the Products, proof of the costs of the original installation and name and address of all installers, failing which this Limited Warranty shall be of no legal effect. Schluter-Systems reserves the right at its election and as a condition of this Limited Warranty to inspect the alleged failed and defective condition.

All U.S. Claims shall be sent to:

Schluter Systems L.P.
Attn: Warranty Claims Dept.
194 Pleasant Ridge Road
Plattsburgh, NY 12901-5841

All Canadian Claims shall be sent to:

Schluter Systems (Canada), Inc.
Attn: Warranty Claims Dept.
21100 chemin Ste-Marie
Ste-Anne-de-Bellevue, QC H9X 3Y8

*For the purpose of this warranty **Schluter Systems, L.P.** shall provide the warranty for all products for end users located in the United States, and **Schluter Systems (Canada) Inc.** shall provide the warranty for all products for end users located in Canada. This warranty is limited to sales of the Products made in and intended for use in the United States and Canada.

****Schluter®-Systems Floor Profiles (the "Products"):** The Products are defined to include all Schluter®-Systems floor profiles referred to in the Schluter®-Systems Floor Profiles Data Sheet.

Schluter® Systems

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