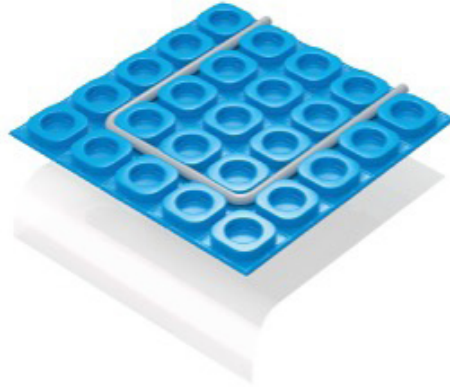


POLYETHYLENE sheet with adhesive

White silicone film



DESCRIPTION

DREXPRO HEAT 11-PS is a polyethylene membrane with rounded square shaped reliefs that form channels specially designed to embed and fasten the electric heating cables. On the back of the membrane a layer of PSA adhesive is applied to ensure its fixing to the support. The adhesive is protected using a white silicone film. The cavities of the reliefs filled of adhesive, transfer the loads from the flooring to the support.

DREXPRO HEAT 11-PS is an uncoupling and waterproofing membrane for indoor applications, with a thickness of 5,5mm that guarantees the installation of any flooring and the waterproofing on cracked and moisture sensitive substrates.

PLUS AND FUNCTIONS

Uncoupling

DREXPRO HEAT 11-PS neutralizes the movement that arise between support and flooring preventing breakage making it possible to install tiles on problematic supports such as wood and cracked non-absorbent substrates.

Waterproofing

DREXPRO HEAT 11-PS, used with **FOILTEC 15**, waterproofing polyethylene tape covered on both sides with a no-woven sheets in polypropylene and **ADHESIVE CEMENT**, guarantees the waterproofing of indoor environments where water could be such as bathrooms, saunas and kitchens.

Vapour management

The cavities below the rounded square reliefs and the interconnected channels between the cavities of **DREXPRO HEAT 11-PS** ensure the vapour management coming from the substrate making possible to install the membrane on substrates able to absorb moisture such as wood

Load distribution

The circular cavities of the rounded square reliefs of **DREXPRO HEAT 11-PS** transfer loads to the support preventing problems to the installed flooring

AREAS OF USE

Use

Uncoupling and waterproofing membrane for support also sensible to moisture as:

- Wooden flooring
- Old ceramic and natural stone floorings
- Concrete with powder treatment
- Wooden structure
- Metal structure
- Floor heating systems.

Very resistant to saline solutions, acids and alkalis, alcohol and oils.

NOTE: For further information contact the technical department

Do Not Use

On bituminous coverings, to waterproof outdoor structures, on highly flammable material as expected by building norms in force, on lightweight screeds, on gypsum-based and cement-based screed.

WARNINGS

For a correct product application, observe the indications of the installation manual and the documentation included in the package.

INSTALLATION INSTRUCTIONS

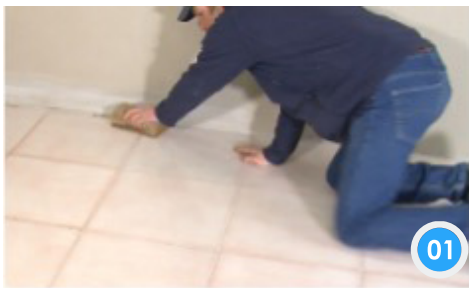
The substrate must be ready to bear weight, solid, flat and free from all substances like oil and grease that could compromise the adhesion of **DREXPRO HEAT 11-PS**.

- 1) Clean the surface from dust and dirt residues.
- 2) Cut **DREXPRO HEAT 11-PS** to the desired length.
- 3) Align the roll, previously cut, and remove the silicone film.
- 4) Using a roller loaded with 50 kilos press the membrane making sure that it adheres perfectly to the support.
- 5) Install the next roll of **DREXPRO HEAT 11-PS** taking care to align it with the previous one, without overlapping.

In case of frequent walking, protect the membrane against damage or detachment from the support; it is recommended to use walking boards.

Warning: To waterproof indoor environments, after the membrane installation, do the following: after installation of the heating cable, you have to do the following:





6) Apply **ADHESIVE CEMENT**, bi-component adhesive, along the joints between two adjacent rolls using the flat side of the trowel, to a width of about 20 cm. Fill the cavities of the membrane, leaving a thin layer of adhesive on top of the reliefs.

7) Place **PROBAND 150** on **ADHESIVE CEMENT** following the joint. Apply strong pressure and smooth **FOILTEC 15** to ensure the adhesion, preventing creases.



8) Apply **ADHESIVE CEMENT**, bi-component adhesive, on the membrane, with the flat side of the notched trowel, for a width of about 10 cm. Take care to fill the cavities of the membrane and to leave a thin layer of adhesive on top of the reliefs. Apply the adhesive on the wall using a 3 x 3 mm notched trowel for a height of about 10 cm.

9) Place **FOILTEC 15** on **ADHESIVE CEMENT** following the joint. Apply strong pressure and smooth **FOILTEC 15** to ensure the adhesion, preventing creases.

Warning: In case of non-absorbent wall supports, use **PROBAND FIX** to glue PROBAND 150

10) Using a C2TES1 adhesive and the flat side of the trowel fill the cavities of the membrane.



12) Apply adhesive on the back of the tiles using a 3 x 3 mm notched trowel to guarantee the full coverage and a thickness above the heating cable of at least 5 mm.



STORAGE INSTRUCTIONS

The adhesive used is photosensitive and must therefore be protected from exposure to sunlight, to avoid its deterioration.

- It is therefore necessary to adopt the following indications for the material storage:
 - o storage and use temperatures between +5 and + 35 ° C
 - o store in a place away from heat sources and open flames, respecting the laws and norms in force.
 - o store indoors, in a ventilated place, away from direct sunlight
 - o store in the original packaging.
 - o store and use in a dry, ventilated and dust-free place avoiding contact with any chemical products.

Warning: avoid overlapping the pallets; in any case never overlap more than two pallets interposing appropriate layers of separation. These prescriptions must be particularly followed during summer period.

TEXT TEMPLATE FOR TENDERS

Delivery and installation of polyethylene membrane with rounded square shaped reliefs that form channels specially designed to embed and fasten the electric heating cables. On the back of the membrane a layer of PSA adhesive is applied to ensure its fixing to the support. The adhesive is protected using a white silicone film. The cavities of the reliefs filled of adhesive, transfer the loads from the flooring to the support, like PRODESOS HEAT GRIP 5 STICK of the Progress Profiles company.

PDESHGST5 : Polyethylene membrane with a layer of PSA adhesive.

Roll Length: _____ mt
 Roll Height: _____ mt
 Material: _____ \$/mt
 Application: _____ \$/mt
 Total Value: _____ \$/mt





TECHNICAL DATA

Appearance	Polimeric membrane	
Colour	Cyan blue	
Shelf life	6 Months in dry environment avoiding direct sunlight and heat sources	
Total thickness	≈ 5,5 mm	EN 1849 - 2
Width	1 m	
Weight of adhesive layer	≈ 200 g / m ² 1849 - 2	
Weight of silicone film	≈ 40 g / m ²	EN 1849 - 2
Weight of PP sheet	≈ 700 g / m ²	EN 1849 - 2
Rounded square shaped reliefs number	≈ 1024 m ²	

PERFORMANCE HIGH - TECH

Compressive strength	350 KN/ m ² (60 t / m ²)	
Longitudinal breaking load	300 N/ 50 mm	EN 12311-1
Transversal breaking load	190 N/ 50 mm	EN 12311-1
Longitudinal ultimate elongation	≈ 50 %	EN 12311-1
Transversal ultimate elongation	≈ 50 %	EN 12311-1
Crack - Bridging Ability	≥ 1 mm	
Air volume for vapor management	2,2 l/ m ²	
Adhesive softening temperature	≈ 105° C	
Working temperature range	0° C / + 60° C	

