

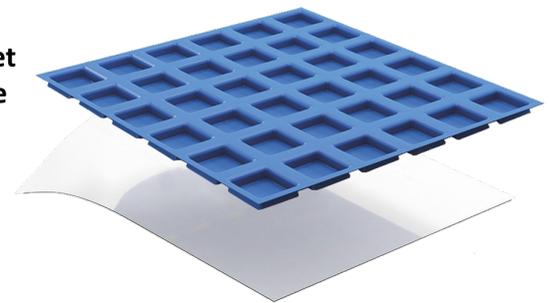


PRODESO ECO STICK



Polyethylene sheet with PSA adhesive

Silicone film



DESCRIPTION

PRODESO ECO STICK is a membrane in high density polyethylene provided with a grid structure of square cavities, each cut back in a dovetail configuration. On the back of the membrane a layer of PSA adhesive is applied to ensure its fixing to the support.

PRODESO ECO STICK is an uncoupling and waterproofing membrane, with a thickness of 4 mm that guarantees the laying of any flooring and the waterproofing of internal environments even in case of cracked and moisture sensitive substrates.

FUNCTIONS

A - Uncoupling

PRODESO ECO STICK neutralizes the differential movement that arise between the support and the flooring preventing breakage; It is therefore possible to install tiles also on problematic supports such as wood and old floors.

B - Vapour management

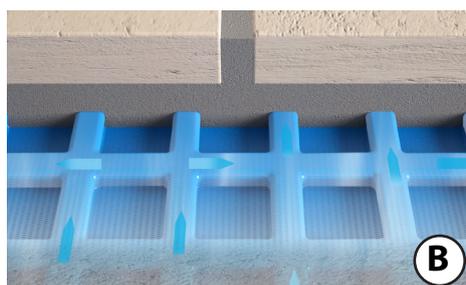
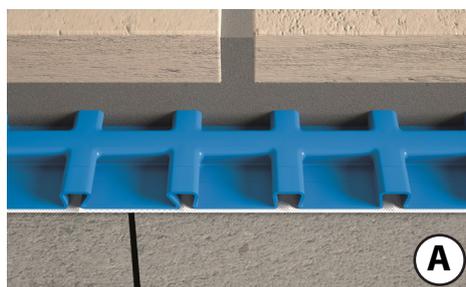
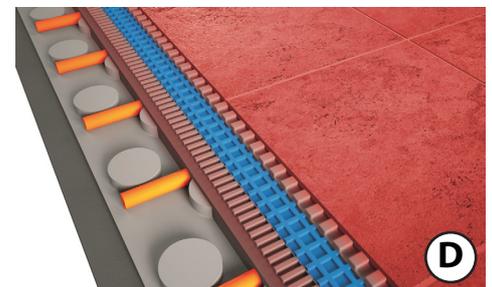
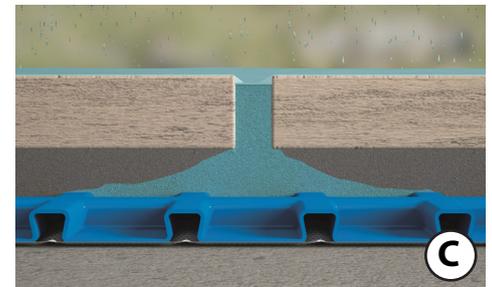
PRODESO ECO STICK interconnected channels guarantee the flow of the vapor pressure generated by the evaporation of the residual water into the substrate. For this it is possible to install **PRODESO ECO STICK** even on substrates able to absorb moisture such as wood.

C - Waterproofing

PRODESO ECO STICK, used with **PROBAND 150**, waterproofing polyethylene tape covered on both sides with a no-woven fabric in polypropylene and **PROBAND KOLL AB**, guarantees the waterproofing of internal environments that may come occasionally in contact with water such as bathrooms, saunas and kitchens.

D - Heat distribution

Thanks to the interconnected channels of which **PRODESO ECO STICK** is provided and its low thermal resistance, in case of floor heating system the warm is distributed in a much more uniform way guaranteeing more comfort.



AREAS OF USE

Use

Uncoupling and waterproofing membrane for supports that could absorb moisture such as wood. The membrane can be installed on old ceramic flooring and natural stones anchored to the support and on smooth concrete. Very resistant to saline solutions, acids and alkalis, alcohol and oils. In case of particular application, please contact our technical department.

Do not use

On bituminous coverings, to waterproof outdoor structures, on lightweight screeds, on gypsum-based and cement-based screed.



PRODESO ECO STICK

WARNINGS

For a correct product application, follow the instructions of the technical data sheet and the documentation included in the package.

INSTALL INSTRUCTIONS

The substrate must be ready to bear weight, solid, level and free from all substances like oil and grease that could compromise the adhesion of **PRODESO ECO STICK**.

- 1) Accurately clean the installing surface from dust and dirt residues.
- 2) Cut **PRODESO ECO STICK** to the desired length.
- 3) Align the roll, previously cut, and remove the silicone film.
- 4) Using a plastic trowel or a roller, press the membrane, making sure to check that it adheres perfectly to the support.
- 5) Install the next sheet of **PRODESO ECO STICK** taking care to align it with the previous one, without overlapping.

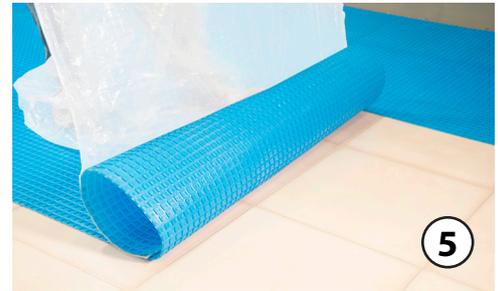
In case of frequent walking to protect the membrane against damage or detachment from the support, it is recommended to use walking boards.

Warning: To waterproof indoor environments do the following:

- 6) Apply **PROBAND KOLL AB**, along the joint between two adjacent sheets of **PRODESO ECO STICK** using the flat side of the notched trowel, for a width of about 20 cm. Take care to fill the cavities of the membrane and to leave a thin layer of adhesive on top of the reliefs.
- 7) Place **PROBAND 150** on the fresh adhesive following the joint. Apply strong pressure and smooth **PROBAND 150** to ensure the adhesion, preventing creases.
- 8) Apply **PROBAND KOLL AB** 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 for a height of about 10 cm.

9) Place **PROBAND 150** on the fresh adhesive following the joint. Apply strong pressure and smooth **PROBAND 150** to ensure the adhesion, preventing creases.

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





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- 10) With a C2TE adhesive fill the cavities of **PRODESO ECO STICK** using a flat trowel.
- 11) Place **PROFLEX 5 PR** along the perimeter.
- 12) Apply the same adhesive on the wet one with a notched trowel according to the tile size.
- 13) Install the flooring



TEXT TEMPLATE FOR TENDERS

Delivery and installation of uncoupling and waterproofing membrane, for internal application, in high density polyethylene. The membrane is provided with a grid structure of square cavities, each cut back in a dovetail configuration to ensure the tile adhesion. On the back a layer of PSA adhesive is applied to ensure its fixing to the support, like PRODESO ECO STICK of the Progress Profiles company.

PDESECSST 3530/EN - 3505/EN: Polyethylene membrane with PSA adhesive and silicone film

Roll length : _____ mt
 Roll height : _____ mt
 Material : _____ €/mt
 Application : _____ €/mt
 Totale value : _____ €/mt

TECHNICAL DATA

Appearance	Polymeric membrane	
Colour	White / Cyan blue	
Shelf life	6 Months in dry environment avoiding direct sunlight and heat sources	
Total thickness	≈ 3,5 mm	EN 1849 - 2
Width	≈ 1 m	
Weight of adhesive	≈ 200 g / m ²	EN 1849 - 2
Weight of HDPE sheet	≈ 500 g / m ²	EN 1849 - 2
Weight of silicone film	≈ 40 g / m ²	EN 1849 - 2
Number of square cavities	≈ 2500 m ²	

PERFORMANCE HIGT - TECH

Longitudinal breaking load	≈ 490 N / 50 mm	EN 12311-1
Transversal breaking load	≈ 370 N / 50 mm	EN 12311-1
Longitudinal ultimate elongation	≈ 60 %	EN 12311-1
Transversal ultimate elongation	≈ 64 %	EN 12311-1
Channel volume	≈ 1,25 lt / m ²	
HDPE sheet SD	> 250 mt	
Adhesive softening temperature	≈ 105 °C	
Working temperature	0° C / +60° C	



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STORAGE INSTRUCTIONS

The adhesive used is photosensitive and must therefore be protected from exposure to sunlight, in order 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.