



PROFOIL PRO



DESCRIPTION

PROFOIL PRO is an elastic membrane in polyethylene, with a better adhesion, with a non-woven polypropylene fabric on both sides. The non-woven polypropylene fabric ensures the membrane adhesion to the support and a better bond of the ceramic and natural stone.

PROFOIL PRO is a waterproofing membrane, with a thickness of 415 µm, that can be used in overlap on every flooring and covering.

PROFOIL PRO guarantees the waterproofing in any environments in direct contact with water such as swimming pools, bathrooms and kitchens, and with high vapour tension such as spas and wellness centers.

PRODUCT ADVANTAGES

- **High elasticity**
- **Better adhesion to the support**
- **Better tile adhesion**

FUNCTIONS

PROFOIL PRO used with **PROBAND 150**, waterproofing elastic polyethylene tape with non-woven polypropylene fabric on both sides (that guarantees the adhesion) and with **PROBAND FIX**, single-component moisture curing sealant, ensures the waterproofing in the case of water pressure.

a. Apply **PROBAND FIX**, our single-component sealant, with a small triangle trowel, along the floor/floor, floor/wall and

wall/wall junctions of every adjacent sheets of **PROFOIL PRO** for a total width less than 15 cm.

b. Place **PROBAND 150** on **PROBAND FIX** following the junctions.

c. Apply strong pressure and smooth **PROBAND 150** to ensure the adhesion, preventing creases.

AREAS OF USE

Use

Waterproofing of any vertical and horizontal support must be made before tiling; cement-based screeds completely cured without cracks, ceramic tiled surfaces, preexisting natural stone flooring, completely cured concrete and wooden substrates. Very resistant to saline solutions, acids and alkalis, alcohol and oils. In case of particular applications, please contact our technical department.

Do not use

On bituminous coverings, to waterproof walkable surfaces and on insulating panels and lightweight screeds not suitable for tiling.

WARNINGS

Tile immediately after the application of **PROFOIL PRO** to avoid exposure to sunlight. Once installed, the membrane must be protected against heavy mechanical loads to avoid damage. It is advisable to place running boards to protect the membrane. Do not use on substrates subject to continuous moisture rising. For outdoor application and information not included in the technical details, please contact our technical department.





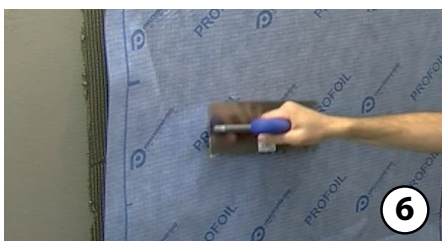
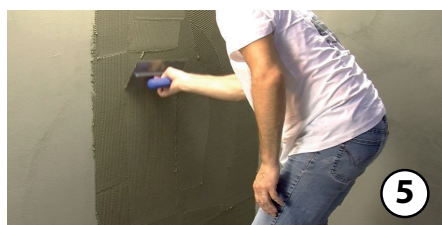
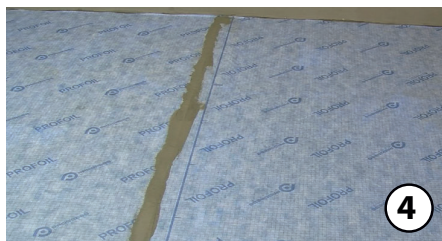
PROFOIL PRO

LAYING INSTRUCTIONS

1. Cut **PROFOIL PRO** to the desired length and with a 3 x 3 notched trowel apply a C2S1 adhesive on the screed. In case of different substrates use a suitable adhesive.

2. Apply **PROFOIL PRO** over the adhesive and press the membrane using the flat side of the notched trowel.

3. Check the back buttering of **PROFOIL PRO**. In case of not complete wetting, increase the adhesive quantity.



7. Check the back buttering of **PROFOIL PRO**. In case of not complete wetting, increase the adhesive quantity.

8. Apply with a notched trowel a C2S1 adhesive on the membrane.

4. Lay the second sheet of **PROFOIL PRO** overlapping 5 cm on the first one.

5. Using a 3 x 3 notched trowel apply a C2S1 adhesive on the wall.

6. Press the membrane using the flat side of the notched trowel

9. Tile the surface.

TEXT TEMPLATE FOR TENDERS

Delivery and installation of elastic membrane in polyethylene and a non-woven polypropylene fabric on both sides, with a total thickness of 0.415 mm. The non-woven polypropylene fabric ensures the membrane adhesion to the support and a better bond of the ceramic and natural stone, like PROFOIL PRO of the company Progress Profiles.

PFLOPR 0430: Width 1 mt, length 30 mt

Roll length : _____ mt
Material : _____ €/ml
Application : _____ €/ml
Total value : _____ €/ml



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TECHNICAL DATA

Appearance	Polymeric composed sheet	
Color	Cyan	
Shelf life	24 months in a dry and cool place, avoiding exposure to direct sunlight and to heat sources	
Total thickness	≈ 450 µm	EN 1849 - 2
Width	≈ 1 m	
Weight of PP sheet	≈ 80 g / m ²	EN 1849 - 2
Weight of PE Sheet	≈ 160 g / m ²	EN 1849 - 2
Total weight	≈ 240 g / m ²	EN 1849 - 2

PERFORMANCE HIGH – TECH

Longitudinal breaking load	≈ 350 N / 50 mm	EN 12311-1
Transversal breaking load	≈ 60 N / 50 mm	EN 12311-1
Ultimate longitudinal elongation	≈ 60 %	EN 12311-1
Ultimate transversal elongation	≈ 200 %	EN 12311-1
Crack – Bridgin Ability	≥ 1 mm	
Vapor permeability of the PP sheet	> 50 m	
Working temperature	- 40° C / +80° C	