



PROFOIL PRO



DESCRIPTION

PROFOIL PRO is a flexible membrane in polyethylene, with a non-woven polypropylene fabric on both sides. This non-woven polypropylene fabric provides a strong bond of the ceramic tile or natural stone to the substrate below.

PROFOIL PRO is a flexible and waterproofing membrane, with a thickness of 415 µm. It could be installed 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 flexible 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**, 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 vertical and horizontal support must be completed 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.



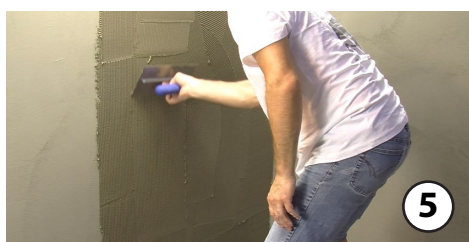
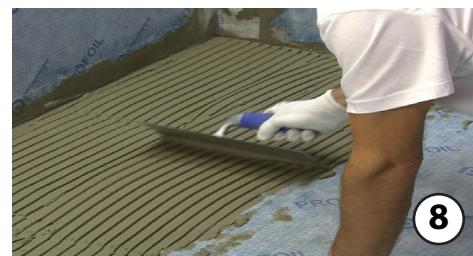
PROFOIL PRO

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. With 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. Checking for full coverage; if full coverage isn't achieved check the adhesive mix ratio and trowel size is correct.



4. Install 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

7. Checking for full coverage; if full coverage isn't achieved check the adhesive mix ratio and trowel size is correct.

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

9. Tile the surface.

TEXT TEMPLATE FOR TENDERS

Delivery and installation of flexible membrane in polyethylene with a non-woven polypropylene fabric on both sides, with a total thickness of 0.415 mm. The non-woven polypropylene fabric provides a strong bond of the ceramic tile or natural stone to the substrate below, 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



PROFOIL PRO

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	