

PetriProof Tex Membran

UNDER TILE WATERPROOFING MEMBRANE

- Waterproofing for horizontal and vertical applications
- Adaptability to moving structures
- High adhesion capacity thanks to its non-woven fabric structure
- Quick and easy application
- Crack bridging



Grey

PRODUCT

Description

A flexible waterproofing and separating membrane with crack-bridging properties, used for waterproofing subfloors beneath ceramic tiles.

Where to Use

- In suspended pool applications, prefabricated, steel structures, and other movable structures, it provides reliable waterproofing for joints and cracks beneath ceramic and stone cladding in wet areas.

Package

- 30m/roller & 1050m/pallet

Technical Performance Values

General Features

Colour	Grey
Resistance to temperature: min. / max.	- 30 °C / + 90 °C
Printing	possible
Scaling	possible



Physical Properties: (approx.)	DIN	Value Tolerance	Tolerance
Max. total width	Internal	1000 mm (Additional widths upon request)	+/- 5 mm
Thickness	Internal	0,50 mm	+/- 0,1 mm
Total weight	Internal	''' g / m²	+/- ''' g / m²
Length per roll	Internal	30 metres (Additional widths upon request)	- 0,0 m / + 1%
Breaking load longitudinal	DIN EN ISO 527-3	270 N / 50 mm	≥ 200 N / 50 mm
Breaking load lateral	DIN EN ISO 527-3	170 N / 50 mm	≥ 100 N / 50 mm
Extension break longitudinal	DIN EN ISO 527-3	60 %	≥ 30 %
Extension break lateral	DIN EN ISO 527-3	70 %	≥ 40 %
Resistance to tearing longitudinal	DIN EN 12310-2	65 N	≥ 25 N
Resistance to tearing lateral	DIN EN 12310-2	110 N	≥ 70 N
Resistance to water pressure	DIN EN 1928 (Version B)	≥ 1,5 bar	≥ 0,2 N / mm2 *
UV-Resistance	DIN EN ISO 4892-3	≥ 450 h	
Moisture vapour resistance air equivalent (sd)	DIN EN 1931	≥ 75 m	
Bonding strength	DIN EN 1348	0,5 N / mm2 *	
Burst pressure	Internal	≥ 2,0 bar	
Fire classification	DIN EN 4102	B2	

* Depending on the adhesive

APPLICATION

Surface Preparation

- The surface to be treated must be sound and dry, and free of dust and dirt. Any chipped areas in the corners must be repaired beforehand, and any unevenness on the surface must be smoothed out.
- Before application, the floor is primed with **CERMIFILM** primer to improve adhesion.

Application

- Cut the textile membrane to the appropriate size for the surface to be covered.
- To install the product, apply tile adhesive (min. C2) to the surface using a notched trowel (4 mm x 4 mm) (Approximate consumption: 2 kg/m²).
- The textile membrane is carefully adhered to the surface end-to-end, and any air bubbles or adhesive residue are removed by smoothing the edges with a sponge trowel. This ensures 100% adhesion to the surface by removing excess mortar.
- In side-by-side applications, the two membranes must overlap by 5 cm. The overlap areas must be bonded using a waterproofing product (**CERMIPROOF FF PLUS**).
- When installing the product, a 5 cm overlap gap must be left at the corners. The overlap areas must be sealed using waterproofing tape (PAH), corner tapes (inner corner, outer corner, collar), and again with a waterproofing product (**CERMIPROOF FF PLUS**).
- Ceramic tile installation may proceed without waiting for the adhesive to cure after the textile membrane application.
- An elastic adhesive product (**CERMIGRANIT**, **CERMIPLUS**, **CERMIPLUS XL**) must be used for ceramic tile installation.

Warnings and Recommendations

- The product has a UV resistance of 400 hours. The coating must be applied within 400 hours.
- The product is resistant to water pressure of 3 atm outdoors and 2 atm indoors.
- Apply the product to the walls first, then move on to the floor.
- Membrane installation must be completed first, followed by the remaining work.
- Adhesives and primers containing solvents should not be used.
- On absorbent surfaces such as wood or plaster, the application must be performed using a cement-based adhesive after priming.
- The application must be performed on a screed. Do not apply under direct sunlight; otherwise, the adhesive beneath the membrane may dry too quickly, potentially causing air bubbles.
- Due to technical reasons the colour of the material or the printing may vary slightly from batch to batch.
- Because the material has low vapor permeability, the floor must be level.
- Smoking is not permitted in the treatment area.

Application Systems

Petrichor Product Name	Explanation
PetriProof Tex Membran 1000mmx30m	Main product
PetriProof Tex Tape CH 100mmx50m	Pah tape
PetriProof Tex Tape CH 120mmx50m	Pah tape
PetriProof Tex Inside Corner	Inside Corner
PetriProof Tex Outside Corner	Outside corner
PetriProof Tex Collar 140x140	Pipe Collar
PetriProof Tex Collar 180x180	Pipe Collar
PetriProof Tex Collar 250x250	Pipe Collar

Chemical Properties	Resistance after storage over 7 days by room temperature in following chemicals	+= resistant / 0 = weakened / - = non resistant
Hydrochloric acid 3 %	Internal	+
Sulphuric acid 35 %	Internal	+
Citric acid 100 g/l	Internal	+
Lactic acid 5 %	Internal	+
Sodium hypochlorite 0,3 g/l	Internal	+
Salt water (20 g/l Sea water salt)	Internal	+
Potassium hydroxide 3 % / 20 %	Internal	+ / +
Alkali	Regulations according to ETAG 022 16 weeks	+

Additional Information	Description
Certified according to	DIN EN ISO 9001:2015
Classification according to	EMICODE emission class EC 1 PLUS, VOC-regulation A+
Warranty	5 years warranty for the guaranteed product qualities

Storage

- Cool and dry, protect against sunlight, use within 24 months after receipt.

Not: Technical values and application instructions are valid under ambient temperature of 23°C with relative humidity 50% and they are the results of our tests and experience in accordance with international standards. Our company is not responsible for any errors that may occur if the instructions and recommendations specified in the technical data sheets are not followed.

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