

TRIPLE-LAYER WATERPROOF MEMBRANE



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1. REGISTRY CODES

Code	Description	Color	Measures (m)	Pkg. / Pallet
RET24-9421	Waterproof membrane	Light blue	1 x 10	10 m ² / 75 roll
RET24-9422	Waterproof tape	Light blue	0,14 x 50	50 m / 100 roll

MATERIAL

Non-woven polypropylene and low-density polyethylene (LDPE).

2. DESCRIPTION

Waterproofing membrane to be applied under tiles and natural stone for perfect waterproofing. Of the three layers that make it up, two are made of non-woven polypropylene, while the third, placed between the two, is made of low-density polyethylene (LDPE).

3. USE

It can be applied on balconies and outdoor terraces, in places where there are no living spaces, but also in domestic bathrooms, commercial kitchens, public and domestic shower rooms, and wet areas in general.

TRIPLE-LAYER WATERPROOF MEMBRANE

TECHNICAL DATA

Color	Light blue
Min/max operating temperature	- 30° C / +90° C
Printing	Possible
Scaling	Possible

PHYSICAL PROPERTIES

Feature	DIN	Value	Tolerance
Thickness	Internal	0,62 mm	+/- 0,1 mm
Total weight	Internal	275 g/m ²	+/- 20 g/m ²
Length per roll	Internal	30 metri	- 0,0 m / + 1%
Longitudinal breaking load	DIN EN ISO 5237-3	370 N/50 mm	≥ 300 N/50 mm
Lateral breaking load	DIN EN ISO 5237-3	250 N/50 mm	≥ 200 N/50 mm
Longitudinal extension break	DIN EN ISO 5237-3	90%	≥50%
Lateral extension break	DIN EN ISO 5237-3	120 %	≥70%
Longitudinal tear resistance	DIN EN 12310-2	100 N	≥ 70 N
Lateral tear resistance	DIN EN 12310-2	140 N	≥ 100 N
Water pressure resistance	DIN EN 1928 (Version B)	≥ 1,5 bar	
UV resistance	DIN EN 4892-3	≥ 450 h	
Water vapor resistance equivalent to air (sd)	DIN EN 1931	≥ 85 m	
Adhesion resistance	DIN EN 1348	≥ 0,5 N/mm ² *	≥ 0,2 N/mm ²
Burst pressure	Internal	≥ 3,0 bar	
Fire classification	DIN EN 4102	B2	

* depending on the adhesive used

CHEMICAL PROPERTIES

Feature	Resistance after 7 days of storage at room temperature in the following chemicals	+ = resistant 0 = weakened - = not resistant
Hydrochloric acid 3	Internal	
Sulfuric 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 salt)	Internal	+
Potassium hydroxide 3 % / 20	Internal	+ /+
Alkali 28d / 40°/ 3 %	Regulation according to AbP	+
Alkaline	Regulations according to ETAG 022 16 weeks*	+
Certified according to	Certified according to DIN EN ISO 9001: 2015 Made in Europe	
Classification according to	EMICODE EC 1 PLUS emission class, VOC A+ standard	
Guarantee	5-year warranty for guaranteed product quality	
Storage	Store in a cool, dry place. Protect from sunlight, use within 24 months of receipt	
Caution	For technical reasons, the color of the material or print may vary slightly from batch to batch.	

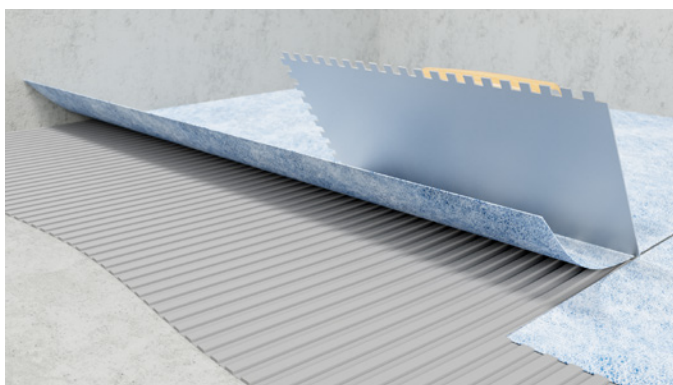
TRIPLE-LAYER WATERPROOF MEMBRANE

4. INSTALLATION INSTRUCTIONS

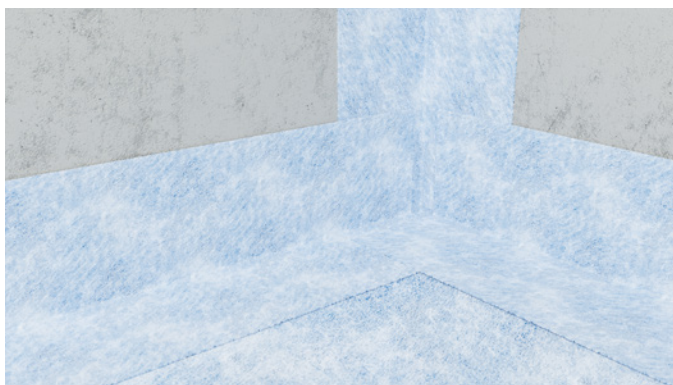
Cut the sealing membrane to the size of the floor to be covered.
Prepare the floor with a suitable primer before applying the tile adhesive with a notched trowel.



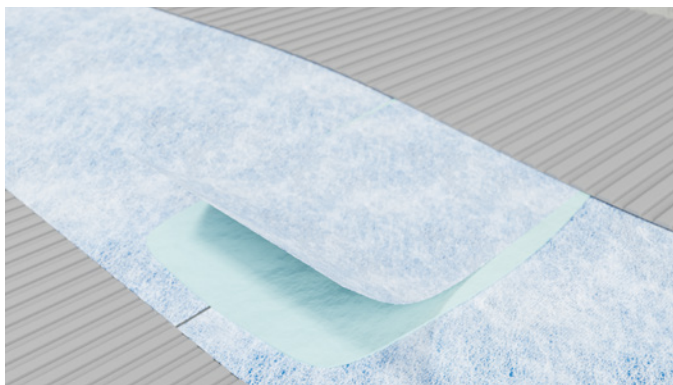
Apply the sealing membrane to the floor precisely and edge to edge, smoothing it towards the edges. Avoid air pockets and glue residue.



After installing the sealing membrane, apply the sealing tapes and corners and proceed according to the installation instructions for the sealing products.



The sealing membrane can be overlapped by 5 cm using the sealing adhesive in the overlap area. Otherwise, the joints can be covered with sealing tape and sealing material. Mix the sealing adhesive and apply it to the waterproofing membrane with a suitable notched trowel. At this point, you can start tiling without further delay.



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5. TECHNICAL SPECIFICATION

Item	Description	Unit	Price
Dak.D.PRO24-9421	Supply and installation of waterproofing membrane to be applied under tiles and natural stone for perfect waterproofing. Made of three layers: two layers of non-woven polypropylene with a third layer of LDPE in between. Suitable for outdoor balconies and terraces, domestic bathrooms, commercial kitchens, public and domestic shower rooms, and wet areas. Dimensions: 1 x 10 m	pc.	-
Dak.D.PRO24-9422	Supply and installation of waterproofing tape to be applied under tiles and natural stone for perfect waterproofing. Made of three layers: two layers of non-woven polypropylene with a third layer of LDPE in between. Suitable for outdoor balconies and terraces, domestic bathrooms, commercial kitchens, public and domestic shower rooms, and wet areas. Dimensions: 0.14 x 50 m	pc.	-