

WATERPROOF MEMBRANE FOR WALL AND FLOOR COVERINGS

PRODUCT DESCRIPTION

Waterproof membrane in laminated polyethylene conceived for environments with high humidity, to be installed simultaneously with the tile using the appropriate tile adhesive. The membrane's soft and highly elastic material compensates slight movement between the substrate and tile covering, preventing the spread of bacteria and harmful substances.



MEMBRANE ROLL PHYSICAL AND MECHANICAL CHARACTERISTICS

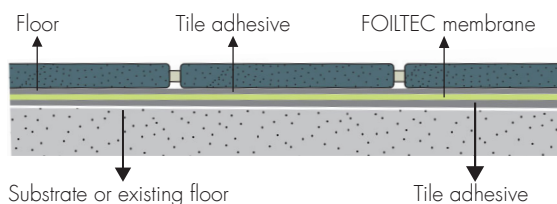
CHARACTERISTICS	TEST	UNIT	VALUE
Watertightness	EN 1928	-	Pass
Tensile properties (MD / CMD)*1: - Tensile strength (MD / CMD) - Elongation (MD / CMD)	EN 12311-2 (A)	N/50mm %	≥ 200/≥ 200 ≥ 20/≥ 10
Root penetration resistance	-	-	PND
Static load resistance	EN 12730 (B)	kg	≥ 20
Impact resistance	EN 12691 (A)	mm	≥ 500
Pull out test	EN 1348	N/mm ²	0,4
Joint resistance: - Joint peeling resistance - Joint shear resistance	EN 12316-2 EN 12317-2	N/50mm N/50mm	PND ≥ 230
Foldability at low temperatures	EN 495-5	°C	- 20
Exposure to UV rays	EN 1927	-	PND
Water vap transmission	ASTM E96	perms	0,405
Robinson Wheel	ASTM C627	-	Pass (Heavy Commercial Rating)
Test: Ignitability	DIN 4102	-	B2
Water resistance - water column	EN 1928	bar/24h	1,5

*1Test Method: MD - Machine Direction / CMD - Cross Machine Direction.

FOILTEC meets the criteria of ANSI 118.10 - 2008.

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PRODUCT INSTALLATION



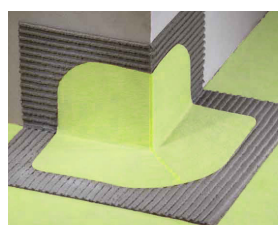
1. Ensure the base is level, smooth, clean and dry.
2. Seal any overlap between FOILTEC, its accessories and any critical areas using flexible adhesive, butyl tape, MS polymer adhesive or waterproof glue.
3. Cut the membrane to size before installation. Overlap sections of the membrane by 5cm and use a 10cm overlap along floor-to-wall joints.
4. Apply the waterproof membrane onto the floor covering with the appropriate tile adhesive, using an approximately 3mmx3mm notched trowel.
5. Check and guarantee the waterproofing of critical areas or corners using butyl tape, MS polymer adhesive or waterproof glue.
6. Install the tile flooring directly over the FOILTEC membrane with tile adhesive.

FOILTEC PRODUCT RANGE

FOILTEC membranes include a complete range of accessories to meet specific site requirements, ensuring state-of-the-art installations.



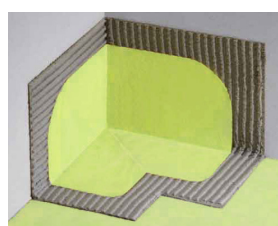
FOILTEC/05/5/G
Waterproof polyethylene membrane in 5m rolls.



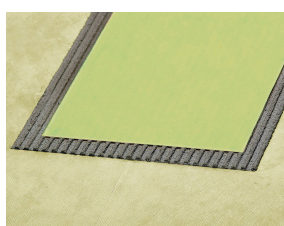
FOILTEC/E/G
External corner junction in coupled preformed polyethylene.



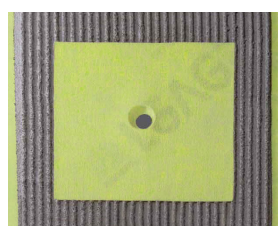
FOILTEC/05/G
Waterproof polyethylene membrane in 30m rolls.



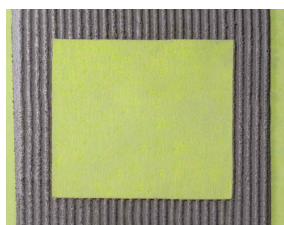
FOILTEC/I/G
Internal corner junction in coupled preformed polyethylene.



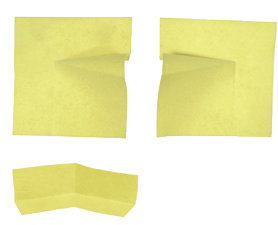
FOILTEC/15
Sealing strip for joints, corners, and perimeter edges.



FOILTEC/T20/G
Pipe Gluer in coupled preformed polyethylene.
T20 for pipes diameter 20mm.



FOILTEC/G10X10SET
Pipe collar water-stop in Polyethylene



FOILTEC/BENCHSET
135° angle set

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positive profile

ARTICLE	DIMENSIONS (mm)	TOTAL THICKNESS (mm)
FOILTEC/05/5/G	1x5	0,5
FOILTEC/05/8/G	1x8	0,5
FOILTEC/05/10/G	1x10	0,5
FOILTEC/05/G	1x30	0,5
FOILTEC/15/10	0,15x10	0,4
FOILTEC/15	0,15x30	0,4
FOILTEC/I/G		0,4
FOILTEC/E/G		0,4
FOILTEC/T20/G		0,4
FOILTEC/G10X10SET		0,4
FOILTEC/BENCHSET		0,4

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