

Bathroom profiles and accessories Waterproof insulating membrane WPSTOP



Waterproof insulating membrane system

Description

Wpstop is a polyethylene waterproofing membrane with non-woven polypropylene fabric on both sides to assure the effective anchoring of the tile glue and good crack bridging.

Wpstop creates a waterproof layer that bonds to ceramic or marble floor coverings, laid directly over the levelled substrate using DIN EN 12004 class C2 adhesive. Tiles are then overlaid with a thin bed of adhesive, using a suitable DIN EN 12004 glue. The graphics with tabs every 20cm means it can be easily cut to the correct length while the outer edges highlight the minimum recommended space for overlapping waterproof sheets. WPstop can also be applied to underfloor heating, following the manufacturer's recommendations and respecting existing separation joints.

Applications

Wpstop is a waterproof sheath that acts as a vapour block and is widely used as a membrane providing protection against moisture and hazardous substances for sub-floors and coverings in bathrooms, showers, walkways around swimming pools, in food industries and other industrial settings. Completing the waterproofing system are special items such as: internal corners, external corners, tape and collar ring. To waterproof joints or couplings between waterproof sheeting and special items, use MS polymer sealant (like PP/96) at the edges and rising up for about 5cm. Near perimeter and expansion joints, we recommend using 14cm tape between the two sheets and bonded on both sides with MS polymer sealant (like PP/96). Polyethylene deteriorates when exposed to UV rays so exposure to sunlight must be avoided while in storage or on-site.

Technical Specifications

Material composition: polyethylene waterproofing membrane, 0.2mm thickness, inserted between two polypropylene substrates for a total thickness of approx. 0.5mm

Weight	: approx 277 g/m ²
Temperature resistance	: -30°C / +90°C
Colour	: green
Longitudinal breaking load	: 300N / 50 mm
Lateral breaking load	: 145N / 50 mm
Longitudinal breaking elongation	: 65%
Lateral breaking elongation	: 65%
Resistance to longitudinal laceration	: 60N / 50 mm
Resistance to lateral laceration	: 115N / 50 mm
Resistance to water pressure	: ≥ 1.5 bar
Substrate adhesion	: ≥ 0.4 N/mm ²
UV resistance	: ≥ 450 h
Vapour permeability (sd)	
According to ETAG 022 methodology	: ≥ 50 m
Fire-resistance rating	: B2

Fixing

- The support must be levelled and any residues which could interfere with adhesion removed. Check the adhesive manufacturer's instructions regarding use with a primer.
- Cut and shape the membrane rolls and tapes to fit the dimensions of the application area. We recommend doing this before mixing the adhesive.
- Mix the adhesive following the manufacturer's instructions and apply it to the floor-wall joints. We recommend using a 3 x 3 mm or 4 x 4 mm toothed spreader.
- Position the pre-formed corner profiles and press out any excess adhesive with the spreader, then distribute it evenly across the surrounding area.
- Spread or lay an MS polymer sealant (like PP/96) at the edges of the corner profiles.
- Lay the tape, pressing energetically to make it adhere to the fresh adhesive between wall and floor. Make sure the overlapping part extends at least 5cm beyond the joint and covers the MS polymer sealant.
- Push any excess glue to the outside, push air bubbles and kinks in the tape towards the edge and distribute any excess glue across the surrounding area.
- Proceed in the same way as previous steps to apply the tape to the internal and external corners of vertical joints between walls.
- Spread the tile adhesive evenly across the whole surface of the wall using a 3/4mm spreader.
- Lay the membrane cut to the right size on top of the adhesive. Push out any air bubbles and kinks with the smooth side of the spreader. Make sure there is an overlap of 5cm between each separate section.
- Mark the membrane near the protruding pipe (wall mixer tap) and cut a suitably-sized hole for it to come through.
- Spread the MS polymer sealant around the pipe to allow the collar ring to be attached. Spread more MS polymer sealant along the edge of the collar ring and insert it into the hole, pressing across the surface.
- Apply adhesive to the floor and fix the membrane to it. Remove any excess glue, push out air bubbles and kinks with the smooth side of the spreader. Make sure there is a 5cm overlap, using MS polymer adhesive in this area.
- After the adhesive manufacturer's recommended foot traffic time, lay the flooring and coverings.

Coverage

Depends on substrate size.

Notes:

The indications, instructions, prescriptions and regulations provided are based on European laws and standards which are separate from other supplements or specifications in individual countries. All information provided, despite being based on our experience, should be taken as guidance and always checked with the installation engineer and considering the specific site circumstances.

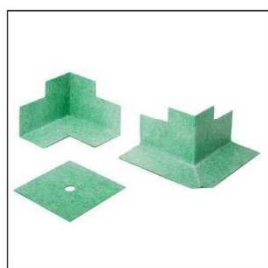
In the event of any doubt, carry out independent tests or contact our technical division for further information.

Profilpas declines any responsibility for damage to people or things resulting from improper use of the product.

Users must establish for themselves if the product is suitable for the required used and they bear full responsibility for any incorrect installation of the material.

WPSTOP


rolls and stripes



corners and colar


 PAIG/DX/
PAIG/SX/

WPSTOP

ART.	measures	
PR30	roll 1 m height 30 mt length - pack 1 roll	19900
PR5	roll 1 m height 5 mt length - pack 6 rolls	19902
PB30	stripe 14 cm height 30 mt length - pack 1 roll	19910
PB5	stripe 14 cm height 5 mt length - pack 6 rolls	19912
PAE	outside corners - pack 10 pcs	19920
PAI	inside corners - pack 10 pcs	19922
PF12	colar cm 12x12 - pack 10 pcs	19930

no partial packaging

WPSTOP - CORNERS FOR GLASS PROFILE GPS1 AND GPS3

ART.	measures	DX	SX
PAIG/15	inside corners - pack 10 pcs	19931	19932
PAIG/20	inside corners - pack 10 pcs	19933	19934
PAIG/28	inside corners - pack 10 pcs	19935	19936
PAIG/38	inside corners - pack 10 pcs	19937	19938

no partial packaging

INSTRUCTIONS

Store in a cool and dry place, avoiding direct exposure to sunlight and heat sources.
 Please refer to the technical data sheet before the installation. For special installations, please contact our technical department.

