

SealPrem Liquid Vapour Membrane

Product Description

Fibre-reinforced ready to use vapour barrier mastic for covering window and door joints. Forms an elastic, airtight and water vapour resistant layer when dry. The mastic is water-based and does not emit odour or harmful compounds during drying.

Features

- Application is convenient and easy.
- Provides air tightness.
- Protects the joint from moisture.
- Excellent adhesion to all common construction materials.

Typical Applications

- For making window and door joints air and water vapour tight.
- Also used to seal connections between floor and wall, wall and ceiling and various penetrations.

Adhering to:

- Concrete
- Bricks
- Wood
- Masonry
- Metal

	Value
Water vapour resistance (ISO 12086)	Class 1
Water vapour resistance (ISO 12086, 1 mm thickness)	42Sd
Elongation at break (ISO 37)	125%
Final curing	6-12h
Density	1.35g/cm ³
Consumption	0.5-1.3kg/m ²
Colour	Bluish grey (black after curing), white.
Package	1kg bucket, 5kg bucket

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

Application Instructions

Application conditions:

During application air temperature, substrate temperature and mastic temperature must be between +10°C and +25°C and maximum relative humidity 80%. Mix the mastic carefully before use. As the mastic does not form an independent, strong and wear-resistant surface cover, the surface must be covered with a finishing material. Consumption is 0,5-1,3

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kg/m² depending on the substrate and thickness of the applied layer. As a rule, consumption is higher when applying the first layer and lower when applying next layers.

Surface preparation:

The surfaces must be dry, clean from dust, loose particles and oil. Non-porous surfaces should be cleaned with solvent and a clean, non-fluffy cotton cloth. Solvent excess should be removed before evaporating with a clean cloth.

Application method:

For sealing door and window joints - to avoid mastic splashes on the frame, protect window and door frames with masking tape. Do not tape the edge of the window or doorjamb so that the mastic can form an entirely air and water vapour tight connection. Use a brush and apply the undiluted paste in an even layer on the surface of cut foam.

As needed, but we recommend covering the surfaces in several layers. Depending on the porosity of the substrate, the next layer can be applied in approx. 1 hour.

Sealing various penetrations - for sealing penetrations and turn-ups, a sealing cuff or reinforcement fabric has to be used. Use a brush and apply the mastic on the surface, install a sealing cuff or a reinforcement fabric and cover the surface with mastic. As needed, but we recommend covering the surfaces in several layers. Depending on the porosity of the substrate, the next layer can be applied in approx. 1 hour

Cleaning:

Uncured product can be removed with water or with special cleaning wipes. Cured acrylic should be removed mechanically.

Storage conditions and shelf life

Guaranteed storage time 36 months starting from the date of manufacture if stored in a closed original package in a dry place between +5°C and +30°C. Avoid freezing.

Limitations

- Not suitable for surfaces in permanent contact with water.
- There is no adhesion to PE, PP, PTFE (Teflon®).
- Due to the wide variety of possible substrates, we recommend a preliminary compatibility test.

Safety regulations

Ensure sufficient ventilation during application and wear necessary personal protective equipment. More specific safety information is available on the safety data sheet (SDS).

Please note: The above technical information is given as a guide and is based on recent test data obtained under laboratory conditions. Materials should be fully tested by the end user to establish suitability of the product for the intended application. May 2024

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