

## TECHNICAL DATA SHEET

# FOME FLEX HYDROPROTECT MEMBRANE



### Description

Quick-drying, one-component, acrylic resin-based liquid waterproofing coating. The membrane is fiber reinforced and ready to use. After drying, a flexible, water-resistant coating is formed. Intended for use in bathrooms, kitchens, laundries, balconies, terraces and elsewhere before laying ceramic tiles. Suitable for underfloor heating. The product is intended for indoor and outdoor use, frost-resistant, and has excellent adhesion to the base. The membrane is environmentally friendly - without solvents and plasticizers. Protects the surface from the harmful effects of oils, grease, fungi and mold.

### Benefits

- Indoor & Outdoor
- Very elastic
- Quick drying
- Easy to apply
- Ready to use
- Protects from fungi and mold
- Environmentally friendly, solvent-free
- Faint odour

### Application

- Intended for use in bathrooms, kitchens, laundries, balconies, terraces and elsewhere before laying ceramic tiles.
- Adheres to surfaces: cement particle boards, gypsum fiber boards, plasterboard boards, plaster, aerated concrete, masonry, concrete, stone, leveling compounds, OSB boards.
- Can be used in heated floor structures.

### Technical Data

Indicator	Value
Consumption per 1mm. coating thickness	1-1,4 kg/m <sup>2</sup>
Crack coverage ability	up to 1 mm.
Min. thickness of coating	1 mm.
The drying time at 20 °C/50%rh	about 2-4 h.
Tiling	after 24 h.
Adhesion	min. 1.0 MPas
Application temperature (ambient and surface)	+5 °C to +30 °C
Number of layers	min. 2

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### Norms / Atests / Certificates

EN 14891:2012
EN 14891:2012/AC:2012

### Method of use

Prior to application, read safety instruction presented in MSDS.

### Surface preparation

The surface should be clean, smooth, dry, free of grease, mechanical damage and other particles that reduce adhesion. Substrate irregularities and defects larger than 5 mm. must be leveled. Prime the surface using Fome Flex HYDROPROTECT Primer.

### Application

Mix the product well before use, do not dilute. Apply the membrane in at least two layers with a brush, paint roller or steel spatula. When applying the first coat, dip Fome Flex HYDROPROTECT tapes, corners or sleeves in corners, joints or plumbing inlets. Apply subsequent layers in a perpendicular pattern to the previous one after the previous one has dried. The drying time of one layer is about 2-4 hours. Lay the tiles after 24 hours from the application of the last layer. Low temperatures and lack of adequate air circulation prolong the drying time of the membrane. The work that has just been done should be protected from rain and frost. Clean the tools with water, after drying – mechanically.

### Remarks / Restriction

Membrane can not be used during rain or frost. Cannot be used as a topcoat. Drying time depends on type of substrate, temperature and humidity. Products is not intended both for food contact and medical applications. All given parameters are based on laboratory tests compliant with internal manufacturer's standards and strongly depend on product hardening conditions (c.a., ambient, surface temperature, quality of used equipment and skills of person applying the product).

### Transport / Storage

Product is packaged in 1,5 kg., 5 kg., 7 kg., 10 kg. and 15 kg. buckets. Store up to 24 months from the production date indicated in original sealed packaging at +5 °C to +30 °C. Protect from frost and direct sunlight. Store and transport at a temperature of not less than 5 °C.

### Safety and Health Precautions

For detailed information find Material Safety Data Sheet available at producer upon request. All written or oral information, recommendations and instructions are given according to our best knowledge, tests and experience, in good faith and in compliance with manufacturer's principles. Each user of this material will make sure in every possible way, including verification of the final product in proper conditions, about suitability of the supplied materials for their intended purposes. The manufacturer is not liable for any losses incurred due to inaccurate or erroneous application of the manufacturer's materials.