

TECHNICAL DATA SHEET

**FOME FLEX
HYDRO DEFENCE GLUE-MASTIC**

A cold applied, one-component, dispersion asphalt-rubber compound with the consistency of paste. The compound can be used for light, medium and heavy waterproofing on various surfaces and fixing PS and EXP boards. Because of its thixotropic qualities the coating does not flow from vertical surfaces and can be applied on uneven and rough surfaces with various slopes. It contains no solvents. After curing the coating is very tight and flexible – can absorb base material cracks of up to 5 mm. Can be used indoors and outdoors. Suitable for waterproofing under floor pavements on terraces, balconies, also foundations, basement floors, garages.



BENEFITS

- absorbs the cracks up to 5mm
- does not flow down the vertical surfaces
- solvent free
- can be combined with foamed polystyrene.

APPLICATION

- is designed for the application of thick-layer, jointless waterproofing coatings of medium and heavy-duty type, on vertical and horizontal surfaces of concrete elements, including those loaded with pressurised water, as well as for bonding drainage and protective boards, including thermal insulation, to asphalt insulations
- gluing polystyrene and extrude boards to concrete, masonry walls
- hydrophobic insulations of underground parts of the building (e.g. foundations) – of light, medium and heavy waterproof types
- hydrophobic insulations under floor pavements on terraces, balconies
- waterproofing underfloor insulation of terraces, balconies

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NORMS / ATESTS / CERTIFICATES

The product meets requirements of:

- PN-B-24000:1997
- National Technical Assessment No. IBDiM-KOT-2021/0737 Edition 1

TECHNICAL DATA

Uncured - tested at 23°C and 50% relative humidity	Value
Density [g/cm ³]	0,98 - 1,2
Amount applied - spot gluing of polystyrene foam [kg/m ²]	1
Drying time [hours]	5 - 6
Number of layers - Heavy insulation - pressing ground water	4
Number of coats - waterproofing coatings	2 - 3
Water content [%]	<60
Approximate consumption per 1 mm thickness [kg/m ²]	1,2
Colour	Value
Brown	+
Appearance	Value
Thixotropic paste	+
Conditions of application	Value
Application temperature [°C]	+5 - +30
Container temperature [°C]	+5 - +30
Surface temperature [°C]	+5 - +30
Adhesion to surface	Value
Bituminous paper	+
Concrete	+

METHOD OF USE

Prior to application, read safety instruction presented in MSDS.

The surface should be clean and even, dry, and free of grease and other particles reducing adhesion, also without build-ups and mechanical damage. Prime the surface with Rapid Hydro Defence Primer. Coating should be applied to the surface with a putty knife or spatula. Mix well before use. The works should be performed in good weather, at the ambient temperature and the surface temperature between +5 °C and +30 °C. Fresh works should be protected against rain and frost.

Fixing polystyrene boards

Apply the compound with dots or strips on the side of the heat-insulating panels to be fixed. Wait about 10 min. and press against the surface. It is not suitable for gluing large surfaces of two non-absorbent materials. Consumption for Polystyrene spot gluing should be around 0.8–2 kg/m².

Waterproofing of foundations

Apply 2 layers of coating for light waterproofing, 3 layers for medium waterproofing and 4 layers for heavy waterproofing. The thickness of each coat should be minimum 1,5 mm.

Clean tools with water, if dried - with an organic solvent.

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REMARKS / RESTRICTION

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 18 kg and 9 kg pails. Store up to 18 months in original sealed packaging at +5 °C to +30 °C. Protect from frost and avoid temperatures above 35 °C 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.