

TECHNICAL DATA SHEET

FOME FLEX
RAPID HYDRO DEFENCE PRIMER

Quick-drying liquid polymer-bituminous primer for priming surfaces before applying various bituminous waterproofing coatings. Quick drying and rain resistant just in 20 minutes. Can be used on damp surfaces. Safe for polystyrene. Safe for the environment, without solvents - non-flammable, odorless. Suitable for concrete, cement, plaster, wood, OSB, bituminous and metal surfaces.



BENEFITS

- quick drying, resistant to rain after 20 minutes
- high performance
- compatible with bituminous and mineral substrates and styrofoam
- environmentally friendly, solvent free
- can be applied on humid substrates
- ready to use
- can be diluted

APPLICATION

- priming mineral substrates (concrete, cement, brick, plaster), wood and OSB, bitumen and metal substrates
- priming substrates for bitumen roof coverings (Self-adhesive bitumen felt and thermoweldable roofing paper, bituminous mastics, roof coatings)
- priming thermo-weldable and selfadhesive foundation bitumen felts and hydroisolation mastics
- improving adhesion and load-bearing capacity of inconsistent substrates, e.g. repaired bitumen coverings

NORMS / ATESTS / CERTIFICATES

The product meets requirements of:

- PN-B-24002-AI:1997
- PN-B-24002-AI:1997+AP1:2001

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Uncured - tested at 23 °C and 50% relative humidity	Value
Density [g/cm ³]	0,9 - 1,1
Waterproofing coatings [kg/m ²]	0,15 - 0,2
Drying time [min]	10 - 25
Solid Content [%]	48 - 52
Viscosity 200 RPM, 25 °C, spindle 3 [mPas]	150 - 200
Number of layers - priming	1
Colour	Value
Black-brown, black after hardening	+
Appearance	Value
Consistency: liquid	+
Cured - tested after 2 weeks at 50% RH	Value
Temperature resistance after curing [°C]	-30 - +90
Adhesion to surface	Value
Brick	+
Concrete	+
Stainless steel	+
Aluminium	+
Galvanized sheet	+
Raw wood (pine)	+
Expanded polystyrene	+
Extruded polystyrene	+
Bituminous paper	+
Bituminous shingless	+
Clinker tile	+
OSB board	+
Conditions of application	Value
Application temperature [°C]	+5 - +35
Chemical resistance	Value
Water (the product is not designed for permanent immersion under water)	+
Petrol	-
Diesel oil	-

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METHOD OF USE

Prior to application, read safety instruction presented in MSDS.

Surface preparation

Before application dust the substrate, remove loose materials, secure cracks and defects.

Substrates should be free from grease, oil and rust.

The substrate can not be frozen or frosted. Humid substrates are allowed yet standing water should be avoided.

Remove any loose materials, sharp edges, substances hindering adhesion and dust. Remove rust from metal surfaces.

When priming roofing paper with mineral granules, all unbound minerals should be removed as well as moss and lichens and other coatings reducing adhesion.

Application

The product is ready to use. When applied on absorbent substrates it can be diluted with water at a volume ratio of 1:1 and for highly absorbent substrates at 1:2 ratio.

Before use stir lightly.

The product can be applied with brush, roller or by airless spraying. Recommended parameters: 519 nozzle, capacity 2,3 l/min (for larger works recommended above 4 l/min), nozzle with a hole of 0.019" (0.48 mm), 180-190 bar pressure.

Works after completion of application

Clean the tools in a soap and water solution. Clean mechanically after hardening.

Remarks / restriction

Primer can not be used during rain or frost.

Drying time depends on type of substrate, temperature and humidity.

Products is not intended both for food contact and medical applications. The products has not been tested nor submitted for acceptance tests and medical applications pharmaceutical.

Product is not dedicated to use on sensitive surfaces e.g. copper and its alloys as it may cause discoloration.

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.