FOME FLEX

TECHNICAL DATA SHEET

FOME FLEX HYDRO PAINT



Fast drying, one-component, multi-purpose acrylic liquid paint and sealant. It is a ready-to-use and highly flexible coating used to protect, seal and decorate surfaces such as concrete, trapezoidal and galvanized sheet metal, bitumen shingles, roofing felt, metal roof tiles, ceramic and cement roof tiles, plaster, and wood. The coating has excellent resistance to weather conditions. It is very easy to apply and has a wide range of applications. The product can be used to renovate surfaces such as roofs, tool sheds, concrete fences, walls and small garden structures such as gazebos, shelters, pergolas, planters, wells and more. The product is without solvents.

BENEFITS:

- Fast drying.
- Very elastic.
- For indoor and outdoor use.
- Protects against weather conditions and UV.
- Frost resistant.
- Waterproof.
- Good mechanical resistance.
- Good adhesion to surfaces.
- Covers cracks up to 3 mm.
- Protects from fungi and mold.
- Without solvents.

APPLICATION:

- For renovation, decoration, sealing and protection.
- For flat and pitched roof.
- For chimneys, gutters, ventilation outlets.
- For fences, gates and wickets.
- For walls, balconies and house plinth.
- For small garden structures such as gazebos, shelters, pergolas, planters, wells, tool sheds and more.
- Can be used on concrete, plaster, metal sheets, bituminous surfaces, ceramic and cement tiles, wood.

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TECHNICAL DATA:

Consumption for protection and sealing	0,4-0,8 kg/m^2
Min. thickness of coating	1 mm.
Consumption for painting	0,15-0,25 kg/m^2
Min. thickness of coating	0,3 mm.
Number of layers	min. 2
Drying time at 23 °C/50% RH (1mm layer)	approx. 2 h.
Specific weight	1,4 g/cm^3
Application temperature	+5 °C - +25 °C
Temperature resistance	-20 °C - +80 °C
Completely dry	approx. 24 h.

TECHNICAL PARAMETERS FOR SPRAYING:

Way of application	Thinner quantity	Jet size	Pressure
Airless spraying	Undiluted	0.031" - 0.035"	18 - 21 MPa (≈ 180–210 bar)

* The nozzle and pressure should be selected so that the coating can be applied without dilution.

** Diluting the coating may result in poorer coverage, a thinner coating and reduced protection.

If it is not possible to achieve satisfactory results with the available nozzle and pressure settings — for example, if the nozzle gets clogged or the coating develops a "pebbled" texture — the coating can be diluted by a maximum of 10% with water.

METHOD OF USE:

Read the safety instructions provided in the SDS before use.

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SURFACE PREPARATION:

The surface should be clean, smooth, dry and free of grease, mechanical damage and other particles that reduce adhesion. Larger defects should be filled. Powder-coated surfaces should be slightly abraded and cleaned. Absorbent substrates should be primed with Fome Flex Hydro Protect Primer. Non-absorbent surfaces, such as metal sheets, felt and bitumen substrates, should be primed with a 5:1 paint-to-water mixture. Improper substrate preparation reduces coating adhesion.

APPLICATION:

Mix the product well before use, do not dilute. Mix products from different batches before use. Apply the paint in at least two coats with a brush or roller. Apply the second coat only after the first one is completely dry, after about 2 h. Final coat thickness should be at least 1 mm. Protect freshly painted surfaces from rain and direct sunlight until the coating is fully cured (min. 24 h). Low temperatures and lack of adequate air circulation prolong the drying time.

CLEANING:

Clean the tools and uncured coating with FOME FLEX Profi wipes, after curing – mechanically.

REMARKS / RESTRICTION:

Coating can not be used during rain or frost. It is not suitable for full waterproofing. Also not suitable for use on foundations. Drying time depends on type of substrate, temperature and humidity. 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 kg., 3 kg. and 6 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. 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.

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