Fome Flex Fibre Aquastop Rubber Sealant technical data sheet

Rubber with fibers is one-component, plasto-elastic sealant of wide use, curing by evaporation of solvent.

APPLICATIONS

rapid repairs of leaks in roofs and gutters, even during pouring rain
sealing flanges of roof windows, chimneys and other roofing treatments
cold bonding of roofing foil, membranes and roofing paper
sealing grouts of maximum movement accommodation 10%
creating joints and seals in boats and at all kinds of applications requiring resistance on permanently action of water
sealing corrugated and trapezoidal metal sheets joints

BENEFITS

can be applied during rain compatible
with bituminous surfaces excellent
resistance to mould and fungus good
adhesion to humid surfaces can be painted
excellent adhesion to wide range of construction substrates
possibility of applying on surfaces completely submerged under water

APPLICATION CONDITIONS

Application temperature [°C]	-10 - +40
Surface temperature [°C]	-10 - +40
Packaging temperature [°C]	+0 - +25

DIRECTIONS FOR USE

Prior to application, read safety instruction presented in MSDS.

SURFACE PREPARATION

- Bonding surfaces must be clean (not frosted) free of dust, rust, old loose old material oil, grease, paint and other dirt which reduces the adhesion of the sealant.
- To avoid dirtiness around the gap and to maintain equal line use adhesive tapes which should be removed immediately after finishing sealing.

PRODUCT PREPARATION

- Prior to application, the product should be conditioned at room temperature.

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APPLICATION

- Cut off the top of the threaded adapter. Screw the nozzle tip on and cut off at a 45º angle, with the diameter equal to the gap width.
- Cut off the top of the foil. Screw the nozzle tip on and cut off at a 45º angle, with the diameter equal to the gap width.
- Squeeze sealant by mechanical or pneumatic gun.
- Treatment make at the time of workability given in the technical data table.
- Applied sealant should be smoothed immediately with a spatula soaked in water for best result.
- Remove masking tape before skin will form.
- Joint should be allowed to fully cure.

WORKS AFTER COMPLETION OF APPLICATION

- Clean while uncured with water or water and soap.
- After curing, remove from hands with water and soap; from tools remove mechanically.
- DO NOT WASH HANDS WITH SOLVENTS.

5. REMARKS / RESTRICTIONS

- Sealant is not intended for sealing joints of natural stone, such as granite, sandstone, marble, etc.
- Not suitable for bonding aquariums and terrariums.
- Sealant is not intended for applications involving structural glazing.
- It is not suitable for direct contact with food and medical uses. Sealant was not duly tested and it is not suitable for medical and pharmaceutical applications.
- Before painting it is recommended to conduct a trial test, especially in a case of solvent-based paints.
- Do not apply on PE, PP - no adhesion.
- Do not apply on sensitive metal surfaces for example copper and its alloys and silver steel of mirrors.
- Should not be used to polystyrene including foamed polystyrene - can damage the surface.
- If the surface is sensitive to solvents it is recommended to conduct tests in an inconspicuous area.

TECHNICAL DATA

Color	
White	+
Transparent	+
Black	+
Brown	+
Grey	+

Uncured - tested at 23 °C and 50% relative humidity	Value
Density (ISO 2811-1) [g/ml]	0,94± 0,01
Skin formation time [min]	2 - 10
Tack Free [min]	2 - 10
Curing rate [mm/24h]	1 - 1,5

Cured - tested after 4 weeks at 23 °C and 50% relative humidity	Value
Module at 100% elongation (ISO 37) [MPa]	0,80 ± 0,05
Elongation at break (ISO 37) [%]	110 ± 10
Shore A hardness (ISO 868)	20 ± 1
Water permeability (PN-B 24000)	0
Temperature resistance [°C]	-30 - +90

Suface	Adhesion
Aluminium	+
Galvanized sheet	+
Stainless steel	+
Ceramic tile	+
Glass	+
Raw wood (pine)	+
Hard PVC (polyvinyl chloride)	+/-
PC (polycarbonate)	+
Brick	+
Concrete	+
Plaster/Drywall	+
Clinker tile	+
Bituminous shingless	+
Bituminous paper	+

+ Good adhesion
± Partially adhesive detachment

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

Warranted shelf life is 24 months from the manufacturing date when stored in unopened, original package at temperature from +0 °C to +25 (< +60) °C in a dry place protected from freezing.
Product can be transported at low temperatures up to -30 °C for up to 4 weeks, before using the product should be conditioned for 24 hours at +23 °C.
Precautions should be taken when the product after thawing out is frosted again - is resistant to 5 cycles of freezing/thawing out.

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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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