

TECHNICAL DATA SHEET



New generation professional hybrid sealant
FOME FLEX HYBRID ROOF&FAÇADE LM

Description

FOME FLEX HYBRID ROOF&FAÇADE – Premium new generation low modulus (LM) hybrid sealant specifically developed to construction and dilatation joints in façades, roofs and pedestrian walkways on commonly used building materials such as concrete, masonry, painted wood, enamel, aluminium, stainless steel and various plastics. Forms a particularly elastic and durable joint. It hardens quickly and is easy to apply. Curing speed 2-3 mm per day. Unlike older generation sealants, it never bubbles when cured in the sun. The product is completely harmless to human health, as it does not emit any organic compounds. Almost odourless.

Advantages

- Curing without bubbles.
- Virtually odorless, absolutely harmless.
- Does not contain isocyanates, solvents or silicones.
- Suitable for wider connections.
- Permanent elasticity.
- High mechanical strength.
- No shrinkage
- High initial adhesion.
- Perfect adhesion without primer on most, even damp, surfaces.

TECHNINICAL DATA SHEET

Areas of application



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Technical specifications

Indicator	Units	Certifications	Value
Colour			Grey (concrete), black, anthracite, white
Density	g/ml	ISO 1183-1	1,34
Skin formation	min.		90
Shrinkage	%		0
Vertical flow	mm	ISO 7390	<3
Joint movement capacity	%		25
SHORE A hardness		DIN 53505	25
Elongation at break	%	ISO 8339	600
Modulus 100 %	N/mm ²	ISO 8339	0,45
Temperature resistance after curing	°C		-30 °C...+70 °C
Application temperature	°C		+5 °C...+40 °C
Curing time	mm/24 h		2-3
Fire resistance class		ISO 8340	E
Tensile strength after curing	N/mm ²	DIN 53504 S2	1,3
Volume	ml		300/600

Certification

CE
EN 15651-1 F-EXT-INT-CC 25LM
EN15651-4 PW-EXT-INT 25LM
French VOC A+ very low emission
EC1 plus very low emission
ASTM C1248, C920 S-NS-C50-Nt-T1-M-A-G
SNJF – F25E



TECHNINICAL DATA SHEET

Directions of use

Surfaces must be dry, clean and free from grease. Application temperature from +5 °C to +40 °C. Cut the end of the cartridge or sausage and screw the nozzle on the cartridge supplied with it. Insert the cartridge or sausage into the caulking gun and fill the nozzle with glue by pressing the trigger on the gun several times. The joint depth should always be in the correct relationship of the joint width. A general rule is the ratio of joint depth to the width of the joint with a joint width up to 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm.

Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates.
- Not suitable for glazing joints and mirrors.
- Not suitable in combination with chlorides (pools).

Storage conditions

Store upright in a dry place at +5 °C to +25 °C. Expiry date – 18 months from date of manufacture, subject to storage regulations. Protect canisters from direct sunlight and heat above +50 °C

Packaging

300 ml plastic cartridge, 12 cartridges per box.
600 ml folie package, 12 packages per box.

Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request.

Waste management

Completely empty the packaging and dispose of properly.