

TECHNICAL DATA SHEET



New generation professional polyurethane sealant FOME FLEX PU SEAL&FLEX PREMIUM HM

FOME FLEX PU SEAL&FLEX PREMIUM – is a new generation, one-component, polyurethane sealant and adhesive for sealing structural and expansion joints, roof joints and floors in pedestrian areas. It has a high resistance to mechanical effects, is always elastic, hardens quickly and is easy to apply. Curing speed 3mm per day. Unlike the old generation PU sealant, it never forms bubbles and is very user friendly due to its low isocyanate content.

Advantages

- Curing without bubbles.
- New GEL technology provides comfortable application.
- Pleasant smell of almonds.
- Suitable for wider connections.
- Permanent elasticity.
- High mechanical resistance.
- Zero shrinkage.
- High initial adhesion.
- Excellent adhesion to most surfaces, even when wet.

Areas of application

FOME FLEX PU SEAL&FLEX PREMIUM is specifically developed as a universal sealant for sealing construction and expansion joints and joints in pedestrian walkways and suitable for roofing applications, complies NFP 85-61.

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Technical specifications

Indicator	Units	Certification	Value
Colour			Grey (concrete)
Density	g/ml	ISO 1183-1	1,3
Skin formation	min.		90
Shrinkage	%		0
Vertical flow	mm	ISO 7390	0
Joint movement capacity	%		25
SHORE A hardness		DIN 53505	30
Elongation at break	%	ISO 8339	500
Modulus100%	N/mm ²	ISO 8339	0,5
Temperature resistance after curing	°C		-30 °C ... +80 °C
Application temperature	°C		+5 °C ... +40 °C
Curing time	mm/24 hours		3
Fire resistance class		ISO 8340	E
Tensile strength after curing	N/mm ²	DIN 53504 S2	0,72
Volume	ml		300/600

Certification



EN 15651-1 F-EXT-INT-CC 25HM
 EN15651-4 PW-EXT-INT 25HM
 French VOC A+ very low emission
 EC1 plus very low emission
 ASTM C920, C1248
 SNJF – Vitrage 25E
 NFP 85-610 – ceramic tiles bonding



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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 and screw the nozzle supplied with it. Insert the cartridge 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, PTFE, soft plastics, neoprene and bituminous substrates
- Not suitable in combination with chlorides (pools)
- Slight yellowing may occur when white sealant is exposed to ultraviolet rays
- Before using on natural stone please contact our technical service department.

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. Frost resistance during transportation -15 °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.