

TECHNICAL DATA SHEET



FOME FLEX PU FAST HM
CONSTRUCTION & AUTOMOTIVE

Description

FOME FLEX PU FAST HM is a one-component, high-modulus and high shore A polyurethane sealant that makes it an excellent choice as an anti-pick sealant. It possesses excellent adhesion to sheet iron, aluminum, stainless steel, lead, copper, ceramic, wood etc.

Advantages

- Permanently flexible
- Non-sag consistency - Exceptionally thixotropic
- Resistant to pick-up by finger
- Non-sticky / does not pick up dirt
- No change in volume
- Easy to gun, can be easily smoothed
- Over-paintable

Areas of application

- Body construction of cars, containers, caravans etc.
- Sealing and bonding of ventilation ducts, gutters and spouts etc.
- Sealing of sheet metal seams
- For vibration reduction in all type of sheet metal assembly works
- Sealing against water, air, gas and dust

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Technical specifications

Indicator	Certifications	Value
Basis		Polyurethane
Color		White / Black / Grey
Density		1,08 ±0,03 g/ml
Tack free time		40 ±10 min. (23 °C and 50 % R.H)
Curing Rate		Min. 3 mm/day (23 °C and 50 % R.H)
Sagging	(EN ISO 7390)	0 mm
Temperature Resistance		-40 °C to +90 °C
Application Temperature		+5 °C to +40 °C
Hardness Shore A	(ISO 868)	50 ±5
Paintability		yes*
Elongation at break	(ISO 37)	≥300 %
Tensile Strength	(ISO 37)	Min. 2,5 N/mm ²
Volume		310/600

Consumption

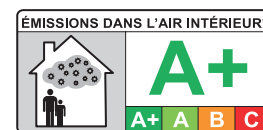
Consumption (approx.) Joint width	15 mm	20 mm	25 mm	30 mm	35 mm
Joint Depth	8 mm	10 mm	12 mm	15 mm	15 mm
Joint length / 600 ml	5 meters	3 meters	2 meters	1,3 meters	1,1 meters

Certifications

The requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168

The French VOC requirements for class A+

CE marked for façade elements



Directions of use

Joint surfaces must be dry, clean and free of all contamination. Glass, metal and other non-porous surfaces must be free of any coatings and wiped clean with solvent. Cut opens the cartridge, screw on nozzle and cut off tip at desired angle. Take off the aluminum cover at the bottom of the cartridge. Insert cartridge in gun and apply the sealant bubble-free continuously into the joint. Fill the joint completely. Smoothen it by pressing with a spatula or similar apparatus.

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Limitations

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Do not use in applications where continuous water immersion is possible.
- Do not apply on frozen or wet surfaces or through standing water.
- Prolonged exposure to direct sunlight can cause discoloring,
- Avoid application below 5 °C and above 40 °C.

Storage conditions

12 months if stored in its original package, away from direct sunlight and moisture, between +10 °C and +25 °C.

Packaging

310 ml plastic cartouche, 12 cartouches 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.