
TECHNICAL DATA SHEET



Neutral professional silicone FOME FLEX GLAZING & WINDOW PRODUCTION, 310 ML

Description

FOME FLEX GLAZING & WINDOW PRODUCTION – it is Oxime based premium-class, neutral, professional silicone used in window production and professional glazing and facade work. Being resistant to UV rays, moisture and mold, it is therefore perfect for work in very humid rooms inside buildings, as well as for glazing and facade work in outdoor conditions. It is compatible with butyl, plastics and other silicones, so it is perfect for window production. Excellent durability properties ensure longevity (Shore A net 26). The silicone seam, which is very easily formed, remains always very elastic and extremely mechanically durable. Has excellent adhesion to many surfaces. The necessary compatibility tests with butyl, silicones and plastics used in window production have been performed in certified laboratories.

Advantages

- Compatible with butyl, plastics, etc. silicones.
- Very elastic and durable seam.
- Suitable for outdoor and indoor use.
- Highest mold resistance class - XS1
- Excellent adhesion to many building materials.
- Joint mobility as much as 25%.
- Mechanical durability Shore A even 26.
- Elastic recovery up to 99%
- The film forms after only 5 minutes.
- Temperature resistance -40 °C ... +180 °C
- Composition of NO MEKO.

Excellent adhesion to:

- Glass
- Hard PVC
- Metals
- Stainless steel
- Ceramics
- Hardened steel
- Aluminum
- Wood
- Bricks
- Concrete
- Plaster
- Clinker
- Polystyrene
- Poly chops

TECHNICAL DATA SHEET

Areas of application

Elastic sealing in the production of window frames from PVC, wood and aluminum. Sealing of building and structural elements made of concrete, wood, metals and synthetic materials. Sealing of facades and external connections. Sealing of ceramic tiles. Sealing of bathtubs, washbasins, showers, sinks and other sanitary facilities and other water supply equipment. Sealing of joints exposed to moisture (sanitary premises).

Technical data

Indicator	Units	Certification	Value
Color			Clear/Black
Density	g/ml	ISO 2811-1	1,02
Surface setting time	min.		5-30
Withdrawal	%	ISO 10563	10
Drain level in vertical position	mm	ISO 7390	0
Mold resistance		EN 15651-3	XS1 (highest)
Joint mobility	%	ISO 9047	25
Hardness according to Shore A		ISO 868	26
Tensile to rupture	%	ISO 8339	300
Elastic recovery	%	ISO 7389	99
Modulus of elasticity at 100%	MPa	ISO 8339	0,4
Temperature resistance after setting	°C		-40 °C ... +180 °C
Working environment temperature	°C		+5 °C ... +40 °C
Curing speed	mm/24 h.		2-3
Flammability class		EN 13501-1:2007	E
Volume	ml		310/600

Certification



EN 15651-1 F-EXT-INT-CC 25LM
 EN15651-2:2012 G-CC 25LM
 EN15651-3:2012 S XS1
 ISO 11600 : 2004, F&G, 25LM.

Other certificates

French VOC Regulation A+
 French CMR components – Passed
 AgBB - Passed
 Belgian Regulation - Passed
 Indoor Air Comfort - Passed
 Indoor Air Comfort GOLD - Passed
 EN 717-1 - E1
 BREEM International – Corresponds
 ASTM – Corresponds



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Instructions for use

Clean, degrease and dry the surfaces. The seam of the sealant must not be wider than 25 mm, and the minimum width of the seam must be 6 mm. Deep joints must be filled with supporting expansion tape. Squeeze out the silicone using a gun - syringe. Smooth the seam with a trowel to spread the sealant. The film is formed in 5 minutes. Leave the compound until it hardens completely.

Limitations

- Not suitable for bituminous surfaces.
- Not suitable for wet, damp, natural rubber, chloroprene, grease releasing surfaces.
- Not suitable for completely closed surfaces, as moisture from the air is necessary for curing.
- Not suitable for aquariums.
- Not suitable for elements permanently immersed in water.
- Not suitable for PP and PE.
- Silicone is not paintable.

Storage conditions

Store in a vertical position in a dry place at a temperature of 0 °C to +25 °C. The shelf life is 18 months from the date of manufacture, subject to storage rules. Keep the vials away from direct sunlight and heat above 50 °C.

Package

310 ml plastic cartridge, 12 cartridges in a box.

Safety instructions

It is necessary to familiarize yourself with the safety data sheets of the product before use. Safety data sheets are available on request from official distributors.

Waste management

Empty the packaging completely and dispose of it according to the requirements.