

TECHNICAL DATA SHEET



Sanitary silicone

FOME FLEX SANITARY SILICONE 102

FOME FLEX SANITARY SILICONE 102 – it is a high-quality sanitary acetate silicone for professional use. This product is perfect for sealing bathroom and kitchen areas. Silicone is resistant to UV rays and large temperature fluctuations, so it is perfect for working not only indoors but also outdoors. High-concentration and high-quality silicone material together with high protection against mold ensures a quick and guaranteed sealing result. The skin formation time is 15-20 minutes allows quickly complete the work. The high hardness index according to Shore A allows the formation of a long-lasting and very durable seam against mechanical impact. Due to the optimal density and tensile strength indicators, the product is extremely easy to apply. The elongation at break rate is 400%, so the silicone seam will always remain elastic.

Advantages

- High level of protection against mold - S1;
- Skin formation time is only 20 minutes;
- Suitable for indoor and outdoor use;
- Resistant to UV ray;
- Elastic and very durable seam;
- Does not change after time;
- Temperature resistance after curing -40 °C ... +150 °C.

Perfect adhesion with:

- Ceramic;
- Various plastics;
- Glass;
- Wood;
- Aluminium;
- Glazed surfaces;
- Non-porous surfaces;
- Cast iron.

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Areas of application

- For sealing in bathrooms and kitchen areas;
- For glazing works;
- For various facade works;
- For various plumbing works.

Technical specifications

Indicator	Units of measurement	Certificate	Value
Colour			Transparent
Basis			Acetate
Density	g/cm ³	SO 1183-1	0,96
Skin formation time	min.	DBTM 16	20
Curing speed	mm/24 h		2-3
Joint movement capacity	%		20
Shore A hardness		EN ISO 868	15-25
Elongation at break	%	EN ISO 37	400
Tensile strength	N/mm ²	EN ISO 37	1,2
Module E 100% at 23°C	N/mm ²	ISO 8339	0,4
Temperature resistance after curing	°C		-40 °C ... +150 °C
Application temperature	°C		+5 °C ... +40 °C
Change in volume	%	ISO 10563	10
Volume	ml		310

Certificates



EN 15651-1:2012 F-EXT-INT-CC – CE marking,
 EN 15651-2:2012 G-CC – CE marking,
 EN 15651-3:2012 S – CE marking.

Directions of use

All surfaces must be dry, dust-free, clean, free of grease and oil. Application temperature from +5 °C to +40 °C. Cut off the end of the top of the cartridge and screw the nozzle included in the kit onto it. Insert the cartridge into the caulking gun and fill the nozzle with sealant by pulling the trigger of the gun several times. Squeeze the silicone into the gap and form the seam with the help of a spatula. A well-proportioned joint absorbs displacements of building materials well. A well-proportioned joint absorbs displacements of building materials well. For seams up to 10 mm wide, the ratio of depth to width should be 1:1 with minimum depth to width of 5 mm. For seams wider than 10 mm, the depth is calculated by dividing the width by 3 plus 6 mm. The silicone is not paintable.

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Limitations

- Not suitable for PE, PP, PC PMMA, PTFE, soft plastics, neoprene and bitumen substrates;
- Not suitable for use on concrete, marble, lead, copper and galvanized steel.

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

310 ml plastic cartridge, 12 cartridges 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.