
TECHNICAL DATA SHEET



Sanitary silicone for bathrooms and kitchens

FOME FLEX 100% SILICONE

Description

FOME FLEX 100% Silicone this is premium quality sanitary acid silicone for professionals. This product is perfect for sealing in bathrooms and kitchens. FOME FLEX 100% silicone is resistant to UV rays and temperature fluctuations, so it is perfect for work not only indoors, but also outdoors. The maximum concentration and highest quality silicone material and the highest protection against mold ensure a quick and guaranteed work result. The extremely fast polymerization time allows you to use the shower, bathroom or kitchen sinks after only 25 minutes. One of the highest hardness indicators according to A Shore allows for 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 convenient to apply. All the features of this product allow us to give it a 10-year warranty.

Advantages

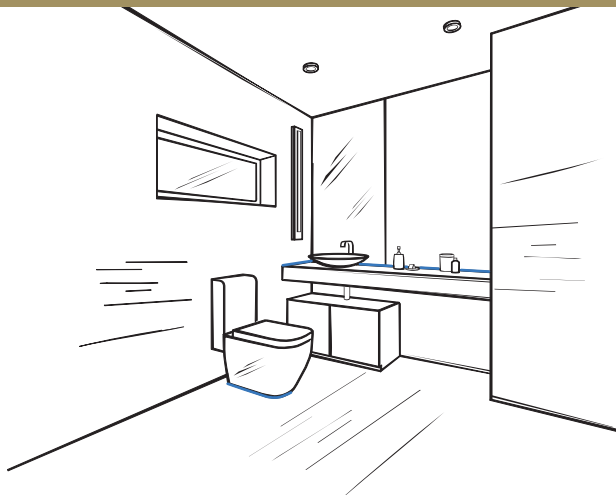
- Maximum protection against mold - XS1.
- You can use the shower after 25 minutes.
- Suitable for indoor and outdoor use.
- Resistant to UV rays.
- Elastic and very durable seam.
- Does not change color.



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Areas of application

- For sealing in bathroom and kitchen areas.
- For sealing pools.
- For glazing works.
- For various facade works.
- For other plumbing works.



Technical data

Indicator	Value
Base	Acid silicone
Color	White, clear
Film formation (DBTM 16)	5 min.
Density	1,03 g/ml
Loss of mass 2h / 130 °C	3%
Operating temperature	+5 °C iki +40 °C
Thermal resistance of the seam	-40 °C iki +180 °C
Resistance to mold and fungi (EN 15651-3)	XS1
Full set speed	2-3 mm/24 val.
Modulus of elasticity at 100%	0,35 MPa
Tensile strength (DIN 53504 S2)	1,8 N/mm ²
Elongation to break	650%
Hardness A according to Shore (DIN 53505)	21
Joint mobility	20%
Resistance to frost during transportation	to -15 °C

The specified parameters were measured at a temperature of +23 °C and 50% relative humidity.

Sticks to:



Ceramics



Most plastics



Glass



Wood



Aluminium



Glazed surfaces



Non-porous surfaces



Cast iron

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Terms of use

All surfaces must be dry, dust-free, clean, free of grease and oil. Operating temperature from +5 °C to +40 °C. FOME FLEX 100% silicone has the best adhesion to many non-porous surfaces such as glass, ceramics, painted wood and enamel.

Instructions for use

Cut off the end of the top of the cartridge and screw the tip included in the kit onto it. Insert the cartridge into the gun-syringe and fill the nozzle with sealant by pulling the trigger of the gun several times. 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.

Not suitable for use

- With PE, PP, PC, PMMA, PTFE, soft plastics, neoprene, bitumen.
- With concrete, marble, lead, copper and galvanized steel.

Storage conditions

Guaranteed storage time - 24 months from the date of manufacture if stored in closed original packaging in a dry and cool place between +5 °C and +25 °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.

Certification



EN 15651-1 F-EXT-INT-CC 20LM
EN 15651-2 G-CC 20LM
EN 15651-3 XS1

