

TECHNICAL DATA SHEET



FOME FLEX SILICONE-N

Description

FOME FLEX SILICONE-N is a sanitary and glazing-neutral silicone that reacts with moisture in the air to form a durable and elastic seam. FOME FLEX SILICONE-N is specially designed for durable and flexible sealing of joints in concrete and between bricks, glazing system, kitchens, bathrooms, showers and industry.

Advantages

- Does not slump in vertical joints.
- It prevents mold to form on silicone due to special admixture.
- Excellent adhesion to most construction material without primer application.
- Excellent mechanical properties.
- Movement accommodation up to 25%.
- Resistant to atmospheric effects, UV-light and ageing.
- Resistant to various chemicals.
- Does not cause corrosion.

Areas of application

For sealing joints in rooms where mold can form (bathrooms, basements). Is suitable for sealing and gluing of various construction materials (concrete, brick, wood, steel, aluminum, different types of plastic, foam concrete, ceramics, plasterboards, glass, klinker, metal, porcelain, Styrofoam and enamel). It can also be used for glazing and industry.

Certificates

EN 15651-1:2012 F-EXT-INT-CC,
EN 15651-2:2012 G-CC
EN 15651-3:2012 S
EN 15651-4:2012 PW-INT,
ISO 11600

TECHNICAL DATA SHEET

Instructions for use

The surfaces must be clean, free of grease and dry. 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.

Joint depth (mm)	Joint width (mm)					
	6	8	10	12	15	20
6	8.3	6.2	5	4.2		
8		4.7	3.7	3.1	2.5	
10			3	2.5	2	1.5
12				2.1	1.7	1.3
15					1.3	1
20						0.75

The table shows how many linear metres of joints we can seal with one 300 ml cartridge relative to the width and depth of the joint.

Technical data

Fresh sealant

Basis		neutral oxime silicone
Color		White, transparent
Appearance		paste
Curing mechanism		by air humidity
Specific gravity		1010±20 kg/m ³ (transp.) 1310±20 kg/m ³ (white)
Skin formation time	23 °C/50% rel. humid.	7 min.
Hardening time	23 °C/50% rel. humid.	2 mm/day
Resistance to flow	ISO 7390	0 mm
Application temperature		between +5 °C and +40 °C

Cured sealant

Hardness Shore A	ISO 868	15–25
Tensile strength	ISO 8339	0,5–0,8 MPa
Module E 100%	ISO 8339	<0,4 MPa
Elongation at break	ISO 8339	200–300%
Tensile strength	ISO 37	>1,2 MPa
Elongation at break	ISO 37	300–400%
Change in volume	ISO 10563	<10%
Elastic recovery	ISO 7389	98%
Temperature resistance		between -40 °C and +180 °C

TECHNICAL DATA SHEET

Storage

12 months in a dry and cold place under 25 °C in originally closed packaging, sausages 18 months.

Packaging

300 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.