

TECHNICAL DATA SHEET



PPLUS SILICONE

Description

This is an acetate-based silicone sealant with permanent elasticity and excellent adhesion to most building materials (aluminum, ceramics, glass, glazed surfaces, profiled glass, clinker and porcelain). 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. The skin formation time is 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 350%, so the silicone seam will always remain elastic.

Advantages

- It prevents mold to form on silicone due to special admixture.
- Does not slump in vertical joints.
- Excellent adhesion to aluminum, ceramics, glass, glazed surfaces, profiled glass, clinker and porcelain.
- Good mechanical properties.
- Resistant to atmospheric effects, UV-light and ageing.
- Resistant to various chemicals.
- Elastic and very durable seam.

Usage

For sealing joints in rooms where mold can form (bathrooms and basements), for sealing silicate materials and less stressed joints, and for profiled glass mounting.

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Technical data

Indicator	Certifications	Value
Basis		acetic acid silicone
Color		white, transparent
Curing mechanism	23 °C/50% rel. humid.	by air humidity
Appearance	23 °C/50% rel. humid.	paste
Specific gravity	ISO 7390	940 ± 10 kg/m ³
Skin formation time		20 min.
Hardening time		3 mm/day
Resistance to flow		0 mm
Application temperature		between +5 °C and +40 °C
Hardness Shore A	ISO 868	10-20
Tensile strength	ISO 8339	0.3-0.5 MPa
Module E 100%	ISO 8339	< 0.4 MPa
Elongation at break	ISO 8339	150-250%
Tensile strength	ISO 37	> 1.2 MPa
Elongation at break	ISO 37	> 350%
Change in volume	ISO 10563	> 10%
Temperature resistance		between -40 °C and +150 °C

Certificates



EN 15651-1:2012 : Type F: EXT-INT; 12,5E

EN 15651-3:2012 : Type S; XS1

Instruction of use

The surface of the joint must be dry, hard, clean, dust and fat free. Remove all separated and badly attached pieces. Cut the cartridge at the top and screw on the nozzle, which has to be cut according to the width of the joint and placed in the gun. The sealant should be applied as evenly as possible. At the end, use a smoothing tool to level the sealant before the skin starts to form. It is very important to press the sealant well against the surface to be sealed.

Joint lenght (mm)	Joint width (mm)			
	6	8	10	12
6	8,3	6,2	5	4,2
8		4,7	3,7	3,1
10			3,0	2,5
12				2,1

Packaging

280 ml cartridge, 12 cartridges per box.

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Storage

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

Health & Safety

Additional information on safety, safe handling instructions and personal protective equipment as well as disposal information are available in a safety data sheet. Safety data sheet is available upon request.