
SILICONE U

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Base	Polysiloxane
Consistency	Stable Paste
Curing System	Moisture Cure
Skin formation (20°C/65% R.H.)	Ca. 7 min.
Curing Rate (20°C/65% R.H.)	2 mm/24h
Hardness (DIN 53505)	25 ± 5 Shore A
Specific Gravity (DIN 53479)	1,00 g/mL
Temperature Resistance	-60°C to +180°C
Elastic Recovery (ISO 7389)	> 90 %
Maximum allowed Distortion	25 %
Elasticity Modulus 100 % (DIN 53504)	0,40 N/mm ²
Maximum Tension (DIN 53504)	1,50 N/mm ²
Elongation at Break (DIN 53504)	800 %

Product:

Silicone U is a high-quality elastic one-component joint sealant based on silicones

Characteristics:

- Very easy application
- Colorfast, UV-resistant
- Stays elastic after curing
- Very good adhesion on many materials
- Typical acetic smell

Applications:

Building- and construction joints
Glazing on aluminum frames
Sanitary installations
Top sealing for glazing jobs
Window- and door joints
Sealing in sanitary rooms and kitchens
Sealing in cold storage rooms and containers
Sealing in air condition systems

Packaging:

Colour: clear, white, broken white, grey, alu grey, brown, black and clear marine
Packaging: tubes 80mL, cartridges 310mL

Shelf life:

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°

Surfaces:

Type: many building surfaces. Do not apply on PVC, PE, PP, PTFE and bituminous substrates
State of Surface: clean, dry, free of dust and grease
Preparation: apply Primer 150 for applications on porous surfaces – no primer required for non-porous surfaces
We always recommend a preliminary compatibility test prior to the actual application

Application:

Method: caulking gun
Application temperature: +5°C to +35°C
Clean: with white spirit immediately after use
Finish: with soapy water
Repair: with Silicone U

Remark: The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.

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Joint Size:

Minimum Width: 5mm

Maximum Width: 30mm

Minimum Depth: 5mm

Recommendation: 2 x depth = width

Health- and Safety Recommendation:

Apply the usual industrial hygiene.

Consult the label for more information.

Remarks:

Due to acetic character some metals (copper, lead) can be attacked

Do not use this sealant on natural stones like marble, etc. Use Silirub MA instead

Contact between this sealant and the primary sealants of double glazed insulation windows or the PVB film of security glass should be avoided

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