

**SILICONE U**

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**Technical Data:**

Base	Polysiloxane
Consistency	Stable Paste
Curing System	Moisture Cure
Skin formation	Ca. 7 min. (20°C/65% R.H.)
Curing Rate	2mm/24h (20°C/65% R.H.)
Hardness	25±5 Shore A
Shrinkage	None
Specific Gravity	1,00g/mL (clear) 1,22g/mL (colours)
Temperature Resistance	-60°C to +180°C
Elastical Recovery	>90%
Maximum allowed Distortion	25%
Elasticity Modulus 100%	0,40N/mm <sup>2</sup> (DIN 53504)
Maximum Tension	1,50N/mm <sup>2</sup> (DIN 53504)
Elongation at Break	800% (DIN 53504)

**Product:**

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

**Characteristics:**

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

**Applications:**

Building- and construction joints  
Glazing on aluminium frames  
Sanitary installations  
Topsealing for glazing jobs  
Window- and doorjoints  
Sealings in sanitary rooms and kitchens  
Sealings in cold storage rooms and containers  
Sealings in air condition systems

**Packaging:**

*Colour:* clear, white, grey, alugrey, brown, bronze, beige, black, stone grey  
*Packaging:* tubes 80mL, cartridge 310mL

**Shelflife:**

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 and most plastics  
*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 recommend a preliminary compatibility test.

**Application:**

*Method:* caulking gun  
*Application temperature:* +1°C to +30°C  
*Clean:* with white spirit immediately after use  
*Finish:* with soapy water  
*Repair:* with Silicone U

**Health- and Safety Recommendation:**

Apply the usual industrial hygiene.

**Remarks:**

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

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.