



SILICONE U

PRODUCT DESCRIPTION

SILICONE U is a high quality, single component joint sealant based on silicones with excellent elasticity.

CHARACTERISTICS

- Very easy universal application
- Permanent colours
- UV-resistant
- Stays and permanently elastic after curing
- Very good adhesion to many materials
- Typical acetic smell
- **Contains FUNGICIDE**

APPLICATIONS

- **Building and construction joints**
- **Glazing works**
- Sanitary installations

APPLICATION EXAMPLES

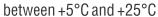
- Topsealing for glazing jobs
- Window and door joints
- Sealing in sanitary rooms and kitchens
- Sealing in cold storage room and containers
- Sealing in air conditioning systems

PACKAGING AND COLOURS

Colours : clear, white, grey, black Packaging: 300 mL cartridge

SHELFLIFE

12 months in unopened packaging in a cool and dry storage place at temperature





PFE TECHNOLOGIES

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SILICONE U

TECHNICAL DATA Base : Polysiloxane

Consistency : Stable Paste Curing System : Moisture Cure

Skin Formation : ca. 7 minutes (20° C/65% R.H) Curing Rate : 1.5 mm/24hr (20° C/65% R.H)

Hardness : 28 ± 5 Shore A

Shrinkage : None
Specific Gravity : 1.03 - 1.25
Temperature Resistance : -60°C to +200°C

Elastic Recovery : >80%

Elasticity Modulus 100% : 0.35 N/mm² (DIN 53504) Tear Strength : 1.50 N/mm² (DIN 53504)

Maximum Allowed Distortion : ±25%

Elongation at Break : >500% (DIN 53504)

SUBSTRATE Substrate: All usual building surfaces except PVC

Surface: clean, dry, free of dust and grease

Priming: For porous surfaces Primer 100 may be applied. Surface Activator will

improve adhesion on non-porous surfaces.

We recommend a preliminary compatibility test before application

JOINT SIZE Minimum width : 5 mm

Maximum width : 30 mm Minimum depth : 5 mm

Recommendation: joint width = 2x depth joint

APPLICATION Application Method : Applicator gun (hand or pneumatic)

Application Temperature: +1°C to +30°C

Clean : with White Spirit Immediately after application

Jooling : with a soapy solution before skin formation

Repair : with SILICONE U

SAFETY MEASURES Apply the usual industrial hygiene

REMARKS Due to acetic characteristics, some metal (copper,

lead) may corrode.

STANDARDS/APPROVALS Singapore: PSB Singapore: ASTM C920:2001

Singapore: PSB Singapore: Fungal Resistance Test

