

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

SHELF LIFE

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



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ELASTIC SEALANT



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/mm ² (DIN 53504)
Tear Strength	: 1.50 N/mm ² (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
Tooling : 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

