

SILICONE U

Revision: 09/2008

Page 1 of 2

Technical Data:

Base	Polysiloxane
Consistency	Stable Paste
Curing system	Moisture Cure
Skin formation (68°F/65% R.H.)	Ca. 7 min.
Curing Rate (68°F/65% R.H.)	24-48 hrs, 5/64" diameter bead
Hardness – Shore A	25 +/- 5 Shore A
Service temperature range	-76°F to +302°F
Elasticity Modulus 100 %	38 Psi
Maximum Tension	218 Psi
Elongation	800%
Maximum allowed Distortion	+/- 25 %

(*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates

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, alu grey, black
Packaging: cartridges 10.5 fl.oz. /310mL

Shelf life:

12 months in unopened packaging in a cool and dry storage place at temperatures between +41°F and +77°F

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: +41°F to +95°F

Clean: with white spirit immediately after use

Finish: with soapy water

Repair: with Silicone U



SILICONE U

Revision: 09/2008**Page 2 of 2****Joint Size:***Minimum Width: 3/16" (5 mm)**Maximum Width: 1.18 in (30 mm)**Minimum Depth: 3/16" (5 mm)**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