

AVISIL

Date:03/09/03

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Technical Data:

Base	Polysiloxane
Consistency	Stable Paste
Curing System	Moisture Cure
Skin formation	Ca. 5 min. (20°C/65% R.H.)
Curing Rate	2mm/24h (20°C/65% R.H.)
Hardness	25±5 Shore A
Shrinkage	None
Specific Gravity	1,03g/mL (clear) 1,25g/mL (colours)
Temperature Resistance	-60°C to +180°C
Elastical Recovery	>80%
Maximum allowed Distortion	25%
Elasticity Modulus 100%	0,38N/mm ² (DIN 53504)
Maximum Tension	1,60N/mm ² (DIN 53504)
Elongation at Break	800% (DIN 53504)

Product:

Avisil is a high-quality neutral, elastical one-component joint sealant based on silicones.

Characteristics:

- Very easy application
- Permanent colour, UV-resistant
- Stays elastic after curing
- Available in a wide range of colours
- Very good adhesion on many materials
- Low modulus

Applications:

Building- and construction joints
 Topsealing at glazing jobs
 Sealing of polycarbonate and polyacrylate panels (consult our technical services)
 Joints with high movement between different building materials
 Sealings between treated wood and glass
 Sealings between PVC and glass

Packaging:

Colour: many colours available, consult us for details

Packaging: cartridge 310mL, sausages 310mL and 600mL, on request hobbocks 20L, and drums 200L

Shelflife:

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

Surfaces:

Type: all usual building surfaces

State of Surface: clean, dry, free of dust and grease

Preparation: apply Primer for applications on porous surfaces – no primer required for non porous surfaces. Activator should be used to enhance adhesion to non porous surfaces. We recommend a preliminary compatibility test.

Joint Size:

Minimum Width: 5mm

Maximum Width: 30mm

Minimum Depth: 5mm

Recommandation: 2 x depth = width

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Application:

Method: caulking gun

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

Clean: with white spirit immediately after use

Finish: with soapy water before skinning

Repair: with Avisil

Technical Norms/Conforms with:

- Gemany: DIN 18540 Teil 2 – DIN 18545 Teil 2
Dichtstoffgruppe E
- United Kingdom: BS 5889 Type A
- USA: TTS 001543a Class A

Health- and Safety Recommendation:

Apply the usual industrial hygiene.

Remarks:

Chemically completely neutral (pH=7).