

Date 31/07/12

Network Technical Data Sheet – Avisil

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

Base	Polysiloxane
Consistency	Paste
Curing System	Moisture Cure
Skin formation (20°C/65%RH)	Circa 5 min
Curing Rate (20°C/65%RH)	Circa 2mm/24hr
Hardness (DIN53505)	25 +/- 5 Shore A
Specific Gravity (Din 53479)	Circa 1.03 g/ml
Temperature resistance	-60°C to +180°C
Elastic Recovery (ISO 7389)	>80%
Maximum allowed distortion	25%
Elasticity modulus 100% (DIN 53504)	0.38 N/mm ²
Maximum tension (DIN 53504)	1.60 N/mm ²
Elongation at break (DIN 53504)	800%

Characteristics

- Very easy application
- UV resistant
- Stays elastic after curing
- Very good adhesion on many materials
- Low modulus

Applications

- Bonding Avipoint or Avishock to variety of building substrates

Shelf Life

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

Packaging

310ml cartridge

Surfaces

Type: all usual building surfaces

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

Preparation: for applications on porous surfaces apply Primer 150; surface activator should be used to enhance adhesion to metals and plastics

We recommend a preliminary compatibility test

Application

Method: caulking gun

Application temperature: +5°C to +35°C

Clean: with white spirit immediately after use

Health & Safety Recommendations

Apply the usual industrial hygiene. Consult the label and the MSDS for more information.

Remarks

Do not use on natural stones like marble, granite - staining effect





Technical Norms/Conforms with

- Belgium: ATG 1808 (NIT 107)
- Rapport IANESCO 3812-label alimentaire for applications in food surroundings
- Germany: DIN 18540 Teil 2 – DIN 18545 Teil 2 Dichtstoffgruppe E
- UK: BS 5889 Type A
- USA: TTS 001543a Class A
- ISO11600 F+G 25LM