



Silicone 995 Silicone Sealant

Description:

Silicone 995 is a multi-purpose 1-component polyurethane adhesive / sealant that bonds well to a wide variety of substrates like metals, metal primers and paint coatings (2 component systems), ceramic materials and plastics. It is suitable for making permanent elastic seals.

Characteristics:

- Excellent adhesion to all cement-based materials, brick, ceramics, glass, metals, wood, epoxy, polyester and acrylic resin.
- Fast cure rate.
- Good weathering and water resistance.
- Non-corrosive.
- High durability and ageing resistance.
- High pick resistance

Uses:

As an elastic adhesive for:

- Most common construction materials.
- Floor moldings and skirting boards.
- Acoustic ceiling tiles, Cement Boards, Porcelain Tiles.
- Metal.
- Wood.

Surface Preparation:

Surfaces must be clean, dry and free from grease, oil and dust. Surface treatment depends on the specific nature of the substrates and is crucial for a long lasting bond.

Application:

Silicone 995 can be processed between 5 °C and 40 °C but changes in reactivity and application properties have to be considered. The optimum temperature for substrate and sealant is between 15 °C and 25 °C. Silicone 995 can be processed with hand, pneumatic or electric driven piston guns as well as pump equipment. For advice on selecting and setting up a suitable pump system, contact the System Engineering Department of Multitech Chemicals.

Technical Data

Chemical Base	1-component polyurethane
Colour	White
Cure Mechanism	Moisture-curing
Density (uncured)	1.3 kg/l
Non-sag properties	Good
Application temperature	5°C to 45°C
Skin time	60 minutes A
Open time	45 minutes A
Shrinkage	< 2 %
Shore A hardness	32
Tensile strength	1.8 MPa
Elongation at break	450 %
Tear propagation resistance	7.5 N/mm ²
Service Temperature	-50 - 90°C
24 hours	120°C
1 hours	140°C
Shelf life	12 months B

Health & Safety:

Always use appropriate PPE including gloves, goggles and a barrier cream to avoid contact with skin and eyes. Should contact with skin or eyes occur, wash immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately. Do not induce vomiting. Avoid inhalation and ensure adequate ventilation or suitable respiratory equipment if working in confined spaces. Do not expose products to fire or naked flames under any circumstances.

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