



Specific uses:

Si2001 sealant is a general purpose silicone sealant which offers good performance on many different applications where weather tightness is required:

- Caulking doors and windows;
- Shop windows, display cases, panels and signs;
- Plumbing, drains, guttering;
- HVAC ducting;
- Sealing of electrical conduit;
- Boat maintenance;
- DIY general purpose sealing.

Si 2001 Silicone Sealant

- Single component, general-purpose silicone sealant. Bonds well to most surfaces.
- Excellent stability to temperature variations.
- Provides a flexible, durable seal.
- Conforms to BS 5889 Type B, except loss of volume.

Size	Colour	Art. No.	Pack/Qty.
310ml	Transparent	0892 210 1	25 cartridges
	White	0892 210 2	
	Brown	0892 210 5	

Typical Properties:

Cure system	Acetoxyl
Specific gravity, approx	1.0
Sag, slump (ISO 7390), mm, approx	1
Skin-over time* min. approx	5
Tack-free time* min. approx	30
Cure time*:-	
Mm/1st day approx.	2
Mm/7 days approx.	9
Application temperature range °C	5 to 40
Service temperature range °C	-50 to 150
Joint movement capacity %	15
Hardness (shore A ATSM 2240) approx.	20
Elastic recovery (ISO 7389) % approx	95

Mechanical properties (2mm thick film - ASTM D412)

Tensile at 100% elongation, MPa approx	0.4 (55 psi)
Tensile strength, MPa, approx	0.7 (110 psi)
Elongation at break % approx	400

Mechanical properties on slabs (ISO 8339)

Tensile at 100% elongation, MPa approx	0.4 (55 psi)
Tensile strength, MPa approx	0.7 (110 psi)
Elongation at break, % approx	200

*at 23°C and 59% relative humidity

Application Procedure:

Joint preparation: The joint faces to be bonded must be clean, dry and free from dust, oil, grease, old sealant and any traces of contaminant which may affect adhesion. Surfaces should be degreased with solvent using a clean cloth and two-cloth method. To remove dust, use oil free compressed air.

Joint Dimensions: The movement capability of sealant as well as local regulations must be considered. Joint width should be twice the depth

Sealant application: For good performance it is essential that the sealant is only bonded to the facing sides of the joint to achieve this, install a back-up material (closed cell polyethylene or open cell polyurethane foam). Apply the sealant in a continuous operation making sure all air pockets or voids are eliminated. Tool the sealant with light pressure to spread the material against the joint surfaces.

This operation should be made with a dry spatula before skin formation occurs.

Excess uncured sealant should be wiped and cleaned with a commercial solvent such as Actisol AS10 (0893 222), cured sealant can only be removed by abrasion.

- NOT SUITABLE FOR USE ON GRANITE OR MARBLE.