

PRODUCT DATA SHEET

EVERBUILD TECNIC[®] SILICONE 996

A NEUTRAL CURE GLAZING SILICONE SEALANT

PRODUCT DESCRIPTION

EVERBUILD TECNIC[®] SILICONE 996 is a low modulus, neutral cure silicone sealant which is suitable for use on glazing and most building and construction joints, both porous and non-porous. Ideal for use on glass to glass joints.

USES

- Glass to glass joints.
- Perimeter pointing internally and externally around PVCu /wood and all other window frames.
- Sealing and as an adhesive onto PVCu, plastic trims and components.
- Weather sealing and joint sealing to pre-formed panels and cladding panels.
- Weathersealing on structural glazed assembly
- Bedding I.G Units
- General glazing sealing and draught proofing.
- Glass to glass and glass to aluminium sealing.
- Parapet and roof weather sealing applications.
- Suitable as an expansion joint sealant.

CHARACTERISTICS / ADVANTAGES

- Excellent tooling properties for large scale construction and glazing applications.
- Excellent adhesion—adheres to most common surfaces including glass, metals, plastics and wood (painted or unpainted), uPVC and polycarbonate.
- Excellent external weather properties

PRODUCT INFORMATION

Packaging	380ml cartridge
Colour	White, Black, Trans
Shelf Life	18 months from date of manufacture. (Transparent) 12 months from date of manufacture. (Black, White)

Joint Dimensions

For maximum movement accommodation, it is recommended that:

- 1/ The sealant joint width should be no less than 5mm
- 2/ Joint depth should be half width e.g. 30mm wide and 15mm deep

Joint depth may be adjusted to the correct size using EVERBUILD JOINT BACKER ROD. Bond Breaker Tape can be used to prevent 3 sided adhesion in situations where EVERBUILD JOINT BACKER ROD would have a negative effect on joint dimensions.

APPROVALS / STANDARDS

- Conforms to ISO 11600 F25LM/G25LM
- CE Marked under EN15651 façade, glazing and cold climate

Storage Conditions	Store in original unopened containers between +5°C and +30°C. Storage outside these parameters may dramatically reduce shelf life.
Density	0.95 - 1.05 g/cm ³ for Trans and 1.30 - 1.40 g/cm ³ for black / white
Shore A Hardness	25-35
Tensile Strength	1.3Mpa
Tensile Stress at Specified Elongation	@ 100% - 0.3Mpa Approx.
Elongation at Break	600%
Elastic Recovery	>70%
Movement Capability	Butt joints: +/- 25% Lap joints: +/- 25%
Service Temperature	-50°C to + 150°C
Joint Design	Min - 5mm Max - 50mm Ratio - Maximum depth 50% of joint width
Ambient Air Temperature	+5°C to + 40°C
Curing Time	mm/1 day approx 2 mm/3 day approx 6
Skin Time	15 - 30 mins

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

EVERBUILD TECNIC® SILICONE 996 does not require a primer on most common surfaces, although adhesion tests are recommended prior to full scale application. If the joint is likely to be immersed or if adhesion is poor (especially on porous surfaces) use EVERBUILD SILICONE PRIMER P1. To improve adhesion (if required) to non-porous surfaces, prime with EVERBUILD SILICONE PRIMER NP2.

Surfaces must be clean, dry and free from dust, grease and other contaminants. Remove dust with compressed air. Degrease by using a solvent soaked pad, followed by wiping with a clean cloth. Following cleaning procedure and materials are recommended:

Glass	Degrease with alcohol, MEK
Aluminium	Degrease with alcohol, MEK
Other metals	Lightly abrade then degrease as above
Wood	Lightly abrade surface then remove dust
Plastics	Degrease using an agent recommended by plastics manufacturer
Concrete and other alkaline surfaces	Brush and remove dust

LIMITATIONS

- Do not use in conjunction with bitumen asphalt, neoprene and certain organic elastomers.

- Do not use in the manufacture of Aquariums.
- Do not use on substrates that bleed oil, solvents or plasticisers.
- Non overpaintable.
- Use as a mirror adhesive; Not recommended.
- Do not use on food grade applications – Use Clean Room Silicone 565
- Do not use to produce swimming pool joints.
- Bleach and acid cleaners can cause yellowing whilst curing.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Consult MSDS for full list of hazards

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, sub-

strates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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