

PRODUCT DATA SHEET

Everbuild Tecnic® Silicone 950

LOW TO MID MODULUS NEUTRAL CURE SEALANT

PRODUCT DESCRIPTION

Everbuild Tecnic® Silicone 950 is a low to mid modulus, neutral cure silicone sealant that adheres to a wide range of both porous and non porous surfaces without the need for priming.

USES

- 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.
- General draught proofing.
- Parapet and roof weather sealing applications.
- Suitable as an expansion joint sealant.

CHARACTERISTICS / ADVANTAGES

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

Movement Factors	Butt joints: +/- 25% Lap joints: +/- 25%
Shrinkage	<5%
Resistances	Resistant to mild acids / alkalis at < 10% concentration
Tensile Modulus at 100% Elongation ISO 8339	0.38MPa
Tensile Adhesion Strength at Break ISO 8339	>0.5MPa

APPROVALS / STANDARDS

Meets the requirements of ISO 11600 F25LM. CE marked under EN15651 façade and cold climate.

PRODUCT INFORMATION

Packaging	380ml cartridges
Colour	White, Mid Grey
Shelf Life	12 months from date of manufacture.
Storage Conditions	Store in original unopened containers between +5°C and +30°C. Storage outside these parameters may dramatically reduce shelf life.
Density	1.3 - 1.4g/cm ³
Shore A Hardness	~30
Elongation at Break	>200% (ISO 8339)
Elastic Recovery	>80%

Movement Capability	± 25% (ISO9047)
Service Temperature	-50°C to + 150°C
Joint Design	<p>For maximum movement accommodation, it is recommended that:</p> <ul style="list-style-type: none"> ▪ The sealant joint depth should be no less than 5mm ▪ Joint depth should be 5mm for joints up to 10mm wide ▪ Joints above 10mm in width should be half the width in depth up to 20mm and minimum 10mm for wider joints <p>Maximum depth 50% of joint width. Joint depth may be adjusted to the correct size using EVERBUILD JOINT BACKER ROD. Joint widths are calculated as in BS6213: Width = (M x 100)/F + M Where M = movement and F = movement accommodation Factor</p>
Curing Time	mm/1 day approx 2 mm/3 day approx 6 mm/7 day approx. 9
Skin Time	30-45 mins
Application Time	+5°C to + 40°C

APPLICATION INSTRUCTIONS

PRIMER

Everbuild Tecnic® Silicone 950 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. On glass use PRIMER NP2.

SUBSTRATE PREPARATION

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. The following cleaning procedure and materials are recommended:

Glass	Degrease with alcohol, MEK
Aluminium, light alloys and stainless steel	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

CLEANING OF TOOLS

Uncured sealant - white spirit. Cured sealant - Everflex Silicone Eater

LIMITATIONS

- Do not use in conjunction with bitumen asphalt, neo-

prene 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.
- Do not use as a mirror adhesive.
- Do not use on food grade applications – Use Silicone 565.
- Do not use to produce swimming pool joints.
- Do not use for bedding IG Units - Use Silicone 825 / 996.

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 exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Consult MSDS for a 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, substrates 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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March 2018, Version 01.01
020511030000000023
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