

PRODUCT DATA SHEET

Everbuild Tecnic[®] Silicone S50

A mid modulus, acetoxy curing silicone sealant

PRODUCT DESCRIPTION

Everbuild Tecnic[®] Silicone S50 is a mid modulus, acetoxy curing silicone sealant that contains a powerful anti-fungal compound to prevent mould and fungal growth in the sealant in areas of high humidity. It gives improved adhesion and flexibility when compared to standard high modulus sanitary grades.

USES

- Sealing around all types of baths.
- Sealing around shower trays.
- Expansion joint and corner sealing of ceramic tiles.
- Sealing around sanitary fittings in domestic and municipal applications.
- General sealing in areas subject to high humidity levels.
- As an adhesive for cosmetic bath & shower trim.

CHARACTERISTICS / ADVANTAGES

- High viscosity formula for quick easy tooling.
- Flexible - movement accommodation of +/- 20 %.
- Waterproof seal.
- Contains a powerful anti fungal compound to prevent mould growth in the sealant.

APPROVALS / STANDARDS

- The mid modulus nature of the formulation gives improved adhesion and flexibility when compared to standard high modulus sanitary grades.
- Conforms to ISO 11600 F/G20LM.
- CE Marked under EN15651 for façade, glazing and sanitary application. Also certified for use in cold climates.

PRODUCT INFORMATION

Chemical Base	Acetoxy cure silicone
Packaging	310 ml cartridge
Colour	Jasmine, Manhattan Grey, Translucent, Sanitary White.
Shelf Life	Use within 24 months.
Storage Conditions	Store in cool dry conditions between + 5 °C and 25 °C.
Density	ca.1,00 g/cm ³ at 20 °C

TECHNICAL INFORMATION

Shore A Hardness	15
Elastic Recovery	>80 % (ISO7389)
Movement Capability	+/- 20 % (ISO9047)
Service Temperature	-40 °C to +150 °C

APPLICATION INFORMATION

Curing Time	3-4 mm per day.
Skin Time	15 Minutes at 20 °C.

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.

LIMITATIONS

- Do not use in conjunction with Bitumen or Asphalt, use Everbuild Weather Mate.
- Do not use in aquaria, use Everbuild Aqua Mate sealant.
- Do not use on anodized or chrome plated shower trims, use Everflex 450 Builders Silicone.
- It is the users responsibility to determine suitability for use.
- If in doubt contact technical services for advice.
- Do not use on natural stone (staining risk).

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

REGULATION (EC) NO 1907/2006 - REACH

DIRECTIVE 2004/42/CE - LIMITATION OF EMISSIONS OF VOC

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be clean, dry and dust free. All loose or flaking surface coatings, and old sealant and mastic, should be removed before application. Glass, metal and aluminium should be cleaned with a proprietary solvent cleaner prior to application for optimum adhesion. Some surfaces may require priming - a small area should be tested first.

Everbuild Tecnic® Silicone S50 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.

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.

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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