

## PRODUCT DATA SHEET

# EVERBUILD TECNIC<sup>®</sup> HM SILICONE

Sanitary Grade Silicone

### PRODUCT DESCRIPTION

EVERBUILD TECNIC<sup>®</sup> HM SILICONE is a premium, acetoxy curing silicone sealant engineered to provide enhanced body and superior toolability in sanitary applications. It contains powerful anti-fungal compound to prevent mould and fungal growth to the sealant in areas of high humidity.

### USES

- Sealing around all kitchen and bathroom sanitary areas.
- Expansion joint and corner joint sealing of ceramic tiles.
- Sealing around sanitary fittings in domestic and municipal applications.
- General sealing in areas subject to high humidity levels.

### PRODUCT INFORMATION

<b>Packaging</b>	310 ml Cartridge
<b>Shelf Life</b>	24 months from date of manufacture.
<b>Storage Conditions</b>	Store between 5 °C and 25 °C in dry conditions.
<b>Colour</b>	White
<b>Density</b>	1 - 1.05 g/cm <sup>3</sup>

### TECHNICAL INFORMATION

<b>Shore A Hardness</b>	23
<b>Modulus of Elasticity in Compression</b>	0.28 MPa (ISO11432)
<b>Tensile Strength</b>	ca. 0.3 N/mm <sup>2</sup> (ISO8339)
<b>Elongation at break</b>	>350% (ISO8339)
<b>Movement Capability</b>	+/-20 % (ISO9047)

### CHARACTERISTICS / ADVANTAGES

- Protection against mould, fungal and bacterial growth based on 10 years accelerated ageing under ISO22196 and AATCC 30 part 3.
- Waterproof seal.
- Flexible - Movement accommodation of +/- 20%.
- High viscosity formula for quick easy tooling.

### APPROVALS / STANDARDS

- Tested to ISO11600 F/G20LM and EN15651.

<b>Elastic Recovery</b>	>95 % (ISO7390)
<b>Shrinkage</b>	~ 5 % (ISO10563)
<b>Service Temperature</b>	-40 °C to +150 °C
<b>Curing Time</b>	2-4 mm/24 hours (23 °C and 50 % RH)
<b>Skin Time</b>	20 min at 20 °C (dependent on temperature and humidity)

## 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.

## FURTHER DOCUMENTS

- Do not use in food preparation areas – use 565 Clean Room Silicone.
- Do not use in conjunction with bitumen or asphalt – use Weather Mate.
- Do not use in aquaria – use Aqua Mate Sealant.
- Do not use against most metals or natural stone.
- It is always the user's responsibility to determine suitability of use. If in doubt, request technical data or contact Technical Services department before use.

## 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.

## APPLICATION INSTRUCTIONS

- All surfaces to be sealed must be clean and dry and free from friable material.
- Fill deep gaps and voids with Everbuild® Expanding Foam, then trim back level with bath/shower tray before applying Sealant.
- When applying to plastic & acrylic baths, fill bath half full with water whilst sealing and during cure. This provides the mid point of any movement that will be encountered.
- Always tool sealant down to ensure a proper bond is achieved.
- Tool within 15 minutes of applying.

## 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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