

PRODUCT DATA SHEET

SikaSeal®-127

ACETOXY SILICONE SEALANT FOR GLAZING AND WEATHERPROOFING

DESCRIPTION

Sikaseal® 127 is a 1-component, solvent-free sealant for indoor and outdoor applications. Suitable for use in hot and tropical climatic conditions.

USES

Sikaseal® 127 is designed for glazing and weatherproofing applications on non-porous substrates such as glass or glazed ceramic tiles

FEATURES

- Low-modulus
- High elasticity and flexibility
- Very good resistance to shrinkage, cracking and discoloration
- Very good adhesion to a variety of non-porous substrates

CERTIFICATES AND TEST REPORTS

CE Marking and Declaration of Performance to EN 15651-1 - Sealants for non-structural use in joints in buildings - Facade elements

CE Marking and Declaration of Performance to EN 15651-2 - Sealants for non-structural use in joints in buildings - Sealants for glazing

PRODUCT INFORMATION

Packaging	280 mL cartridges, 12 cartridges per box
Colour	Clear, white, grey and black
Shelf life	Sikaseal® 127 has a shelf life of 12 months from the date of production, if it is stored properly in undamaged, original, sealed packaging, and if the storage conditions are met.
Storage conditions	Sikaseal® 127 shall be stored in dry conditions, protected from direct sunlight and at temperatures between +5 °C and +25 °C
Density	~1.00 kg/L (ISO 1183-1)

TECHNICAL INFORMATION

Shore A hardness	~20 (after 28 d)	ISO 868)
Tensile strength	~1.7 N/mm ²	(ISO 8339)
Secant tensile modulus	~0.35 N/mm ² at 100% elongation (23 °C)	(ISO 8339)
Elastic recovery	> 90%	(ISO 7389)

Tear propagation resistance	~1.9 N/mm	(ISO 34)
Movement capability	± 20%	(ISO 9047)
Service temperature	-40 °C min. to +100 °C max.	
Joint width	The joint width must be designed to suit the joint movement required and the movement capability of the sealant. For joints ≥ 10 mm and ≤ 20 mm wide, a joint depth of 10 mm is recommended. For larger joints please contact our Technical Department.	
Elongation at break	~650%	(ISO 37)

BASIS OF PRODUCT DATA

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

ECOLOGY, HEALTH AND SAFETY

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.