

Sikasil® - M

Multi-Purpose Silicone Rubber Sealant

Product Description	A single component ready for use sealant based on a silicone rubber that cures through evaporation of acetic acid to form a tough elastic seal.
Uses	<p>Sikasil® -M is a multi purpose sealant and gap filler that can be used in both construction and industry, e.g.</p> <p><u>Glazing</u>: Sealing to single or multiple glazing in either metal or rigid PVC frames.</p> <p><u>Facades</u>: Glass-brick walls - Metal cladding - Aluminium sandwich panels.</p> <p><u>Industry / Construction</u>: Seams, rebates and franges in sheet-metal, Heating, and refrigeration.</p>
Advantages	<p>Sikasil® -M is an easy to use and economical sealant with the following beneficial properties:</p> <ul style="list-style-type: none"> ■ Ready for use. No mixing required. ■ Excellent adhesion to many materials. ■ Performs well in a broad temperature range. ■ Rapid hardening. ■ Good resistance to weathering and aging. ■ No-sag. ■ Dirt and dust repellent.
Technical Data	
Colours	Transparent, Black, White, other colours are upon request.
Movement capacity	25% of the average joint width.
Joint configuration	<p>Minimum joint depth = 8mm.</p> <p>Maximum joint width = 25mm.</p> <p>Maximum joint depth = 25mm.</p> <p>Width : depth ratio up to</p> <p>10 mm wide = 1 : 1</p> <p>25 mm wide = 2 : 1</p>
Curing system	Acetoxo.
Speed of curing per 24 hours	1.5 mm
Tooling time 23° C	5 – 15 min
Tack free time	30 – 60 min
Movement capacity (ISO 11600)	25%
Shore A-Hardness (ISO 868)	20°
E-Module 100% (ISO 37) MPA	0.25



Elongation at break (ISO 37)	500%		
Temperature Resistance	- 40°C to 150°C		
Storage Stability at + 5 To 25 in month	≥12		
Primerless Adhesion to	Glass Ceramics Many Plastics Most paints		
Corrosive to Metals (under damp conditions during curing)	Yes		
Compatibility with alkaline substrates	No		
Compatibility with paints	Sealant on paint Paint on sealant	Yes No	
Compatibility with damp surfaces	No		
Application			
Surface Preparation	All surfaces must be clean, dry and free from all loosely adhering particles. Use soft polyethylene foam to establish correct joint dimensions.		
Priming	Use Sikasil® -Adhesive cleaner 1 on chrome steel, epoxy, polyurethane, polyester, rigid PVC, PVC-floor and wall coverings, acrylic glass. Use Sikasil® Wash-Primer on aluminium non-anodized, stainless steel, galvanized steel. No primer is required for ; glass and non-porous materials such as ceramics, stone enameled metals and aluminium anodized.		
Application	Sikasil® - M is easily installed direct from the cartridge with the normal skeleton gun or by air-powered gun. After application tool off using a flat spatula.		
Cleaning	Clean all tools and equipment immediately after use with Colma-Cleaner.		
Important Notes	Do not use for timber frames or on cement-bound surfaces. Ensure no condensation in present on the bonding surface. Check for adequate adhesion to plastic, plastic coated materials and stone enamelled metal. Do not overpaint.		
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.		

