

PRODUCT DATA SHEET

Sikasil® MultiPlus/-T

ACETOXY CURING, UNIVERSAL SILICONE SEALANT

DESCRIPTION

Sikasil® MultiPlus/-T is a one part, acetoxy moisture curing universal silicone sealant. Suitable for use in hot and tropical climatic conditions.

USES

Sikasil® MultiPlus/-T can be used on all weatherproofing or bonding applications where protection against fungal growth is sought, such as:

- Jointing baths, sinks, showers, kitchen furniture, urinals etc.
- Jointing ceramic tiles, plumbing fixtures or cold rooms.

CHARACTERISTICS / ADVANTAGES

- Sikasil® MultiPlus/-T has been specifically formulated as a sanitary sealant for use in hot humid environments such as kitchens and bathrooms where resistance to fungal growth is necessary.
- Sikasil® MultiPlus/-T is easily extruded and its rapid curing characteristics enable units to be quickly sealed and put into service. Its smooth, glossy appearance compliments glazed sanitary ware and ceramic tiles.
- Sikasil® MultiPlus/-T adheres without primer to glass, ceramic, vitreous, surfaces, painted surfaces and anodized aluminium. It offers good resistance to most common cleaning products.
- Can be applied on non-porous substrates
- Easy to apply
- UV resistant
- Remains elastic after curing

APPROVALS / CERTIFICATES

- EN 15651-1: F-EXT-INT-CC
- EN 15651-2: G-CC
- EN 15651-3: S

PRODUCT INFORMATION

Composition	Acetoxy silicone, moisture curing
Packaging	280 ml
Colour	Clear, white, grey, black, brown, bronze, aluminium, red, bahama beige, and more
Shelf life	Sikasil® MultiPlus/-T has a shelf life of 12 months from the date of production, if it is stored in undamaged, original, sealed packaging and if the storage conditions are met.
Storage conditions	Sikasil® MultiPlus/-T shall be stored in dry conditions where it is protected from direct sunlight and at temperatures between +5 °C and +25 °C.
Density	~ 0,98 kg/l (ISO 1183-1)

TECHNICAL INFORMATION

Shore A hardness	~ 18 (after 28 days)	(ISO 868)
Tensile strength	~ 0,6 N/mm ²	(ISO 8339)
Secant tensile modulus	0,36 N/mm ² approx. at 100% elongation (23 °C)	(ISO 8339)
Elongation	~ 150 %	(ISO 8339)
Service temperature	-40 °C to +100 °C	
Joint design	The joint width must be designed to suit the joint movement required and the movement capability of the sealant. For joints between 6 mm to 12 mm wide, a seal depth of 6 mm is recommended.	

APPLICATION INFORMATION

Consumption	Joint width	6 mm	9 mm	12 mm
	Joint depth	6 mm	6 mm	6 mm
	Joint length/280ml	~ 7,5 m	~ 5,0 m	~ 3,7 m
Sag flow	non-sag (20 mm profile, 23 °C)			(ISO 7390)
Ambient air temperature	+5 °C to +40 °C, min. 3 °C above dew point temperature			
Substrate temperature	+5 °C to +40 °C			
Curing rate	~ 2mm / 24h. (23 °C , 50 % r.h.)			
Skimming time	~ 25 minutes (23 °C / 50 % r.h.)			

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The joint faces to be bonded must be clean, dry and free from dust, oil, grease, old sealant and any traces of contaminant which may affect adhesion. Surfaces should be degreased with solvent soaked cloth and then wiped with a clean cloth. To remove dust, use oil-free compressed air.

APPLICATION METHOD / TOOLS

Sikasil® MultiPlus/-T is supplied ready to use. After suitable joint and substrate preparation the sealant is gunned into place and tooled within 10 minutes, using a spatula and suitable smoothing liquid. Masking tape is then removed immediately. Uncured material can be removed by using a suitable solvent or an approved sealant remover.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with Sika® TopClean-T / Colma Cleaner immediately after use. Hardened / cured material can only be mechanically removed.

FURTHER INFORMATION

- Safety Data Sheet
- Pre-treatment Chart Sealing and Bonding

IMPORTANT CONSIDERATIONS

- Do not use on bituminous substrates, natural rubber, chloroprene, EPDM or on building materials which might bleed oils, plasticisers or solvents.
- Do not use in totally confined space because Sikasil® MultiPlus/-T requires atmospheric moisture to cure properly.
- Because acetic acid is released during curing, it can corrode mirror silver and sensitive metals such as copper, brass and lead.
- Sikasil® MultiPlus/-T is not recommended for use in submerged joints or in joints where physical abuse or abrasion are likely to occur. Besides, the product is not suitable for use in aquarium and food contact applications.
- Sikasil® MultiPlus/-T is not suitable for medical or pharmaceutical uses.
- Sikasil® MultiPlus/-T is not recommended where abrasion or physical abuse will be encountered. For all uses in permanent immersion, please consult us.

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.

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 the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

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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All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and OHSAS 18001.

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