

PRODUCT DATA SHEET

Sikasil®-115 GP Silicone

Acetoxy curing, universal silicone sealant

DESCRIPTION

Sikasil®-115 GP Silicone is a one part, acetoxy moisture curing universal silicone sealant.

USES

Sikasil®-115 GP Silicone can be used on all weather-proofing or bonding applications where protection against fungal growth is sought, such as:

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

CHARACTERISTICS / ADVANTAGES

- Sikasil®-115 GP Silicone 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®-115 GP Silicone 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®-115 GP Silicone 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®-115 GP Silicone 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®-115 GP Silicone 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 MPa	(ISO 8339)
Secant tensile modulus	0,36 MPa approx. at 100 % elongation (23 °C)	(ISO 8339)
Tensile strain at break	~ 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			(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 / 1 day (23 °C / 50 % r.h.)			
Skinning time	~ 25 minutes (23 °C / 50 % r.h.)			

BASIS OF PRODUCT DATA

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

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®-115 GP Silicone 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®-115 GP Silicone 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®-115 GP Silicone is not suitable for medical or pharmaceutical uses.
- Sikasil®-115 GP Silicone is not recommended where abrasion or physical abuse will be encountered. For all uses in permanent immersion, please consult us.

ECOLOGY, HEALTH AND SAFETY

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®-115 GP Silicone 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.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product 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

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