

# PRODUCT DATA SHEET

## Sikasil® C (AP)

MULTIPURPOSE KITCHEN & BATHROOM, SANITARY GRADE NEUTRAL SILICONE SEALANT

### DESCRIPTION

Sikasil® C (AP) is a one- component, neutral-curing, low odour silicone sealant with good adhesion and long shelf life for DIY application. Sikasil® C (AP) cures at room temperature under the action of atmospheric moisture to give a permanently flexible silicone rubber.

### USES

- Glass and enamel
- Ceramics and tiles
- Aluminium, steel, zinc, copper

- Plastic laminates
- Rubber
- Stainless steel
- Concrete and grouts

### CHARACTERISTICS / ADVANTAGES

- Excellent adhesion
- Great weatherability
- Non-sag
- Great tooling characteristics
- Long term mould resistance
- Interior and exterior usage
- Fast curing

### PRODUCT INFORMATION

<b>Chemical base</b>	Neutral curing
<b>Packaging</b>	300ml cartridges. 12 cartridges per box
<b>Colour</b>	White, Beige, Black, Bronze, Charcoal, Transparent, Alabaster, Taupe, Almond Ivory, Off White, Stone, Pewter, Grey, Mid Grey, Stone, Brown
<b>Shelf life</b>	12 months from date of production, stored in undamaged and unopened, original sealed containers.
<b>Storage conditions</b>	Store in dry conditions and protected from direct sunlight at temperatures between +10 °C and +25 °C.
<b>Density</b>	~0.98 g/cm <sup>3</sup> (at +23 °C)

### TECHNICAL INFORMATION

<b>Shore A Hardness</b>	20 SHA
<b>Tensile Strength</b>	~0.4 N/mm <sup>2</sup> (at +23 °C/50 % r.h.)
<b>Modulus of Elasticity in Tension</b>	~0.30 N/mm <sup>2</sup> at 10 % elongation (at +23 °C/50 % r.h.)
<b>Elongation at Break</b>	300 %

## APPLICATION INFORMATION

<b>Sag Flow</b>	Non-sag
<b>Curing Rate</b>	72 h (at +23 °C/50 % r.h.)
<b>Skin time</b>	10 - 15 min (at +23 °C/50 % r.h.)

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

Ensure all surfaces are clean, dry and free from dust, grease and loose material.

### APPLICATION METHOD / TOOLS

- Cut off cartridge seal, cut nozzle to desired bead size and screw nozzle on to cartridge.
- Place cartridge into suitable caulking gun. Hold gun at 45° angle with nozzle in contact with both joint surfaces.
- Gun Sikasil® C (AP) ahead of nozzle to ensure product is pushed into joint. For a cleaner result, mask both sides of the joint and remove tape before silicone skins.
- Smooth off before skin forms (within 15 minutes) with a spatula dipped in detergent solution.
- Remove excess sealant immediately with a cloth dampened in mineral turpentine.
- Sealant surface will skin in 10 -15 minutes and is fully cured within 72 hours.
- Fully cured sealant can be removed by trimming with a sharp blade, but avoid under cutting seal.

### CLEANING OF TOOLS

Sikasil® C (AP) can be cleaned from tools and hands with mineral turpentine before fully cured.

## LIMITATIONS

Sikasil® C (AP) may be discoloured in contact with some organic elastomers, e.g. EPDM, APTK and neoprene. Sikasil®-CAP is not recommended for applications involving contact with natural stone, such as marble, granite, quartzite, as it can cause staining. Sikasil® C (AP) is not recommended for sealing of aquaria.

Sikasil® C (AP) is not recommended for structural glazing bonding. The curing time can be extended at lower temperature, low humidity or by low volume of air change.

## 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

Please note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Please 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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