

# PRODUCT DATA SHEET

## SikaSeal® Acrylic 100

### SIKASEAL® ACRYLIC 100 - PREMIUM ACRYLIC JOINT & GAP SEALANT

#### DESCRIPTION

SikaSeal® Acrylic 100 is a flexible, one component, water based acrylic joint sealant and gap filler where low demand of elongation are required, for interior use.

#### USES

SikaSeal® Acrylic 100 is suitable for sealing low movement joints around:

- brick
- Concrete
- Plasterboard
- Windows
- Doors
- Ceramic tiles

SikaSeal® Acrylic 100 fills cracks and adheres to:

- Glass
- Wood
- Aluminium
- Brick
- Concrete
- Plasterboard
- Ceramic
- Painted surfaces.

#### CHARACTERISTICS / ADVANTAGES

- Excellent adhesion to most common construction materials.
- Water clean-up of uncured sealant.
- Can be sanded back once fully cured if required to give smooth surface finish.
- Can be painted over using water based paints.
- Non-toxic.

#### PRODUCT INFORMATION

<b>Composition</b>	Thick, non-sag mastic
<b>Packaging</b>	310 ml cartridge (12 cartridges per box)
<b>Colour</b>	White
<b>Shelf life</b>	18 months when stored according to the storage conditions.
<b>Storage conditions</b>	The product must be stored in undamaged and unopened, original sealed containers, in cool and dry conditions and protected from direct sunlight at temperatures between +5°C and +30°C. SikaSeal® Acrylic 100 must be protected from frost.
<b>Density</b>	~1.60 kg/l (Standard)

Shore A Hardness	~40	(Standard)
Elongation at Break	200%	(Standard)
Elastic Recovery	15%	(Standard)
Movement Capability	±5%	(Standard)
Service Temperature	-5°C to +80°C	
Skinning time	15 minutes approx. (@20°C and 55% R.H)	
Application Time	<b>Paint over time:</b> 3 hours approx. (Water based paints)	

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

The substrate must be sound, clean, dry and free of all contaminants such as dirt, rust, oil, grease, cement laitance, old sealants and poorly bonded paint coatings which could affect adhesion of SikaSeal® Acrylic 100. The substrate should be of sufficient strength to manage with the stresses induced by the sealant during movement. Removal techniques such as wire brushing, grinding, sanding or other suitable mechanical tools can be used. All dust, loose and friable material must be completely removed from all surfaces before application of SikaSeal® Acrylic 100.

#### Priming

SikaSeal® Acrylic 100 can be used as a primer as preparation for porous substrates such as; stone, concrete, and plasterwork. The mixing ratio is 1 part SikaSeal® Acrylic 100 to 3 parts water, the primer solution should be completely dry before applying SikaSeal® Acrylic 100.

### APPLICATION METHOD / TOOLS

**Masking:** It is recommended to use masking tape where neat or exact joint lines are required. Remove the tape within the skin time after finishing.

**Application:** Prepare the end of the cartridge before or after inserting into the sealant gun then fit the nozzle. Extrude SikaSeal® Acrylic 100 into the joint ensuring that it comes into full contact with the sides of the joint and avoiding any air entrapment.

**Finishing:** As soon as possible after application, sealant must be firmly tooled against the joint sides to ensure adequate adhesion and a smooth finish. Use a compatible tooling agent (e.g. Sika® Tooling Agent N) to smooth the joint surface. Do not use tooling products containing solvents.

### CLEANING OF EQUIPMENT

Uncured sealant can be cleaned from tools etc. with water. Cured sealant can only be removed mechanically.

## FURTHER INFORMATION

- Safety Data Sheet (SDS)

## IMPORTANT CONSIDERATIONS

### Limitation

- Do not apply SikaSeal® Acrylic 100 at temperatures below 5°C.
- Do not use SikaSeal® Acrylic 100 in areas subject to constant water immersion.
- Unsuitable for permanently flexible sealing, for cars or spaces where wet conditions exist, e.g. aquaria, foundations and swimming pools.
- Protect uncured SikaSeal® Acrylic 100 from rain or water for approximately 3 hours after application.
- The cured sealant may be over-painted with most paints, however, a test is advised. As soon as a tough skin has formed most water based paints can be applied. For oil based paints wait 24 hours or more before painting.
- SikaSeal® Acrylic 100 is not intended for gaps, joints or voids larger than 5mm wide or deep.

## 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.

## 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.

## 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 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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Product Data Sheet  
SikaSeal® Acrylic 100  
August 2019, Version 01.01  
02051404000000069

SikaSealAcrylic100-en-AU-(08-2019)-1-1.pdf

