

PRODUCT DATA SHEET

Sikacryl® AS

Acrylic joint sealant and crack filler for interior use

DESCRIPTION

Sikacryl® AS is a 1-part, acrylic, water-based joint sealant and crack filler. It is non-sag and over-paintable. It has good adhesion to various construction materials even without a primer. Interior use.

USES

Sealing joints for:

Interior joints on various types of substrate with a limited amount of movement

Connections around window and door frames

Around wall and ceiling penetrations

Crack filling:

Internal static cracks not exposed to permanent water immersion

CHARACTERISTICS / ADVANTAGES

- 1-part ready to use
- Good application properties
- Non-sag
- Good adhesion to various substrates
- Over-paintable

APPROVALS / STANDARDS

- CE Marking and Declaration of Performance to EN 15651-1 - Sealants for non-structural use in joints in buildings - Facade elements

PRODUCT INFORMATION

Chemical Base	1-part acrylic	
Packaging	300 ml cartridge	12 cartridges per box
	Refer to current price list for packaging variations.	
Colour	White, grey	
Shelf Life	24 months from the date of production	
Storage Conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +10 °C and +25 °C. Always refer to packaging	
Density	~1,65 kg/l	(ISO 1183-1)
Product Declaration	EN 15651-1: F INT	

TECHNICAL INFORMATION

Shore A Hardness	~30 (28 days, +23 °C / 50 % r.h.)	(ISO 868)
Movement Capability	For static joints and cracks only	

SYSTEM INFORMATION

Compatibility	Concrete, aerated concrete, plaster, fibre cement, brick, plasterboard, aluminium, UPVC, wood
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APPLICATION INFORMATION

Consumption	Joint length [m] per 300 ml	Joint width [mm]	Joint depth [mm]
		3,0	10
	2,0	15	10

Triangular joint profiles must have sides for bonding ≥ 7 mm.
For larger joints, contact Sika Technical Services for additional information.
Consumption calculation formula
Length of joint [m] = 300 ml / (Joint width [mm] x Joint depth [mm])
Litres / Metre run of joint = (Joint width [mm] x joint depth [mm]) / 1000 [m x mm² / l]
Consumption depends on the roughness and absorbency of the substrate. These figures are theoretical and do not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.

Sag Flow	<1 mm (+23 °C)	(ISO 7390)
Curing Rate	~2 mm / 24 hours (+23 °C / 50 % r.h.) *Sika Corporate Quality Procedure	(CQP* 049-2)
Skin Time	~20 minutes (+23 °C / 50 % r.h.)	(CQP 019-1)

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 DOCUMENTS

- Pre-treatment Sealing and Bonding Chart

LIMITATIONS

- Colour variations may occur due to the exposure in service to chemicals, high temperatures and/or UV-radiation (especially with white colour shade). This effect is aesthetic and does not adversely influence the technical performance or durability of the product.
- Sikacryl® AS can be over-painted with most conventional facade paint coating systems. However, paints must first be tested to ensure compatibility by carrying out preliminary trials (e.g. according to ISO technical paper: Paintability and Paint Compatibility of Sealants). Optimum results are obtained when the sealant is allowed to fully cure first. Note: non-flexible paint systems may impair the elasticity of the sealant and lead to cracking of the paint coating.
- Do not use on bituminous substrates, natural rubber, EPDM rubber or on any building materials which might leach oils, plasticisers or solvents that could degrade the sealant.
- Do not use as a glass sealant, for floor or sanitary

joints, on marble, natural stone or on civil engineering structures.

- Do not use for joints under water pressure or permanent water immersion.
- Application during high temperature changes is not recommended (movement during curing).

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.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The substrate must be clean, dry, sound and free from oils, grease, dust and loose or friable particles. Sikacryl® AS adheres without primers and/or activators. For porous substrates, e.g. concrete, plaster and / or wood, Sikacryl® AS can be dissolved in water (1:1 to 1:5 ratio) and used as a primer if necessary. On plastics and paints, adhesion tests must be carried out prior to application. Iron and steel must be protected with an anti-corrosion primer.

MIXING

1-part ready to use

APPLICATION METHOD / TOOLS

Masking

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

Application

Sikacryl® AS is supplied ready to use.

Prepare the end of the cartridge, insert into the sealant gun and fit the nozzle. Extrude Sikacryl® AS into the joint or around the connection ensuring that it comes into full contact with the sides of the joint or connecting surfaces 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 water to smooth the joint surface. Do not use tooling products containing solvents.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened material can only be removed mechanically.

LOCAL RESTRICTIONS

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

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

Sika Pakistan (Pvt.) Limited

141-CCA Phase IV, DHA

Lahore Punjab 54792

Pakistan

phone: +92 42 3569 4266 - 67

fax: +92 42 3569 4268

<http://pak.sika.com/>

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May 2021, Version 01.01

020514040000000007

SikacrylAS-en-PK-(05-2021)-1-1.pdf