

Product Data Sheet
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Sikacryl®

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1-part elasto-plastic joint and crack filler for interior use

Product Description

Sikacryl® is an elasto-plastic one part joint and crack filler for interior use, based on an acrylic dispersion.

Uses

■ Sikacryl® is a non sag sealant designed for interior crack and non-movement joint filling

Characteristics / Advantages

- Low odour
- Good application properties
- Good adhesion on many substrates like wood and concrete
- Overpaintable

Product Data

Form

Colours white/ grey, paste

Packaging 0.34 kg container

Storage

Storage Conditions / Shelf Life 24 months from date of production if stored in undamaged and unopened original sealed containers, in dry conditions and protected from direct sunlight at temperatures between +10°C and +25°C. Sikacryl® must be protected from frost.

Technical Data

Chemical Base 1-part acrylic dispersion.

Density ~ 1.65 kg/l at 27°C

Skinning Time ~ 20 minutes (+23°C / 50% r.h.)

Curing Rate ~ 2 mm / 24 h (+23°C / 50% r.h.)

Movement Capability For cracks and non-movement joints only.

Sag Flow Very good.

Service Temperature Between -25°C and +70°C (dry).

Construction



Mechanical / Physical Properties

Shore A Hardness 30 +/- 6 (28 days, +23°C / 50% r.h.) (According to DIN 53505)

System Information

Application Details

Consumption Dependent on crack / joint size:

Mass in kg

Length of joint (m) = $\frac{\text{density} \times \text{joint width (mm)} \times \text{joint depth (mm)}}{1000 \text{ ml}}$

kg / meter run of joint = $\frac{\text{joint width (mm)} \times \text{joint depth (mm)} \times \text{density}}{1000 \text{ ml}}$

Substrate Quality Clean, sound and dry, homogeneous, free from grease, dust and loose particles. Paint, laitance and other poorly adhering particles must be removed. Standard construction rules must be observed.

Substrate Preparation / Priming Normally no primers required.
For porous substrates such as concrete, plaster and wood, mix Sikacryl® with water (ratio 1: 1 to 1: 5) and use it as primer if necessary.
On plastics and painted surfaces test the adhesion properties.

Application Conditions / Limitations

Substrate Temperature +5°C min. / +30°C max.

Ambient Temperature +5°C min. / +35°C max.

Substrate Moisture Content Dry

Application Instructions

Application Method / Tools Sikacryl® is ready to use.
After suitable joint preparation, the sealant is gunned into place and tooled within 15 minutes e.g. with a spatula or other smoothing tool which has been dipped in clean water.
If masking tape is used remove this immediately after application.
Fresh, uncured sealant can be removed with a wet cloth.

Cleaning of Tools Clean all tools and application equipment with water immediately after use. Hardened / cured material can be removed mechanically.

Notes on Application / Limitations Pre-test for overpaintability and paint compatibility are recommended. In case of over coating Sikacryl® the compatibility must be tested individually according to DIN 52 452-4.
Do not use on easy coroding substrates like blank steel, iron etc..
Colour deviations may occur due to chemicals, high temperature, UV-radiation (especially with colour shade whit). A change in colour does not influence the technical and protective performance of the product.
Do not use Sikacryl® as glass sealer, in floor joints, in sanitary joints, on marble, natural stone, civil engineering and in joints with permanent water immersion.
Do not use on bituminous substrates, natural rubber, chloropene, EPDM or on building materials which might bleed oils, plastisicers or solvent.

Value Base

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.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material 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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