

Sikacryl[®] Super

Multipurpose joint sealant and gap filler

Construction

Product

Description

Sikacryl Super is a one part sealant, designed with all the benefits of a silicone sealant, and gap filler in one.

Uses

- For sealing of joints and gaps in common building substrates such as timber, brick, masonry, concrete, plaster and ceramics.
- Joints and gaps around window frames, window sills, walls and ceilings, architraves, skirting boards, etc.
- Suitable for use in bathrooms and kitchens, and in most general interior joint sealing and gap filling applications (with no permanent water immersion).
- Any cracks, joints and gaps where rigid fillers may crack and fall out.

Characteristics / Advantages

- Suitable for most common building materials
- Easy to apply
- Fast curing
- Paintable
- Highly flexible
- Excellent adhesion properties
- Mould resistant
- Waterproof
- Easy clean up in water

Product Data

Appearance / Colour:

White

Packaging:

300 ml cartridge, 12 cartridges per carton

Shelf Life and

Storage Conditions:

24 months if stored in undamaged and unopened, original sealed cartridges, in cool and dry conditions and protected from direct sunlight at temperatures between +5°C and +25°C. Protected from frost.

Technical Data

Chemical Base

1 component thixotropic paste

Service Temperature

-30°C to +80°C

Curing Rate

approx. 3 - 6 mm / 24 hours (+23°C / 50% r.h.)

Skinning Time

approx. 15 - 20 minutes (+23°C / 50% r.h.)

Movement Capability

±20%

Mechanical / Physical Properties

E-Modulus

~ 0.6 N/mm² at 100% elongation (+23°C / 50% r.h.) (ISO 8339)

Tensile Strength

~ 1.0 N/mm² (+23°C / 50% r.h.) (ISO 8339)

Tear Strength

~ 2.0 N/mm² (+23°C / 50% r.h.) (DIN 24 method C))

Shore A Hardness

45 to 60 (28 days, +23°C / 50% r.h.)

Elastic Recovery

> 90% (+23°C / 50% r.h.) (ISO 7389)

Elongation at break

> 350%

System Information

Application Details

Consumption

Joint Design:

The joint width must be designed to be within the movement capability of the sealant. Movement joint widths with Sikacryl Super shall be > 10 mm and < 15 mm. Sikacryl Super shall not be used in joints of more than 15 mm width and a minimum depth or thickness of 6 mm must be applied.

Joint Width

10 mm
15 mm

Joint Depth

8 mm
10 mm

Joint Length / 300ml ctg

approx. 3.5 metres
approx. 2 metres



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 No primer is required. Clean with solvent such as acetone maybe beneficial to keep substrate surfaces completely clean and dry.

Application Conditions / Limitations

Substrate Temperature : +5°C min / +40°C max.

Ambient Temperature: +5°C min / +40°C max.

Substrate Moisture Content: Substrates must be dry

Application Instructions

Application Method / Tools

- Sikacryl Super is ready to use.
- Cover both sides of joints with masking tape prior to application.
- Cut nozzle to a desired bead size and extrude Sikacryl Super with a standard caulking gun.
- Tool immediately and remove masking tape before Sikacryl Super skins.

Cleaning of Tools Clean off uncured materials from tools with water immediately after use

Notes on Application / Limits

- Do not use Sikacryl Super as a glass sealer.
- Not suitable for use in joints with permanent water immersion.
- Do not use on easy corroding substrates such as bare steel, iron etc.
- Colour deviations may occur due to chemicals, high temperature or UV radiation. A change in colour does not influence the technical and protective performance of the product.
- Do not use on building materials which might bleed oils, plasticisers or solvent.
- Do not use on bituminous substrates, natural rubber, chloropene, or EPDM.

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.

Health & Safety Information

Protective Measures

- To avoid rare allergic reactions, we recommend the use of protective gloves. Change soiled work clothes and wash hands before breaks and after finishing work.
- Local regulations as well as health and safety advice on packaging labels must be observed.
- For further information refer to the Sika Material Safety Data Sheet which is available on request.
- If in doubt always follow the directions given on the pack or label.

Important Notes

- Residues of material must be removed according to local regulations. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities.
- Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the safety data sheet.

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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