

Construction

Sikacryl[®]-Super

Multipurpose Gap Sealant

Product Description

Sikacryl[®]-Super is a one part sealant, designed with all the benefits of a gap sealant and silicone sealant in one.

Uses

- For sealing of indoor connection joints in substrates such as brick, concrete, plaster, ceramics and timber.
- Indoor connection joints around windows, window sills, walls and ceiling etc.
- Suitable for use in bathrooms and kitchens, as well as in most general interior joint sealing and gap filling applications (with no permanent water immersion)

Characteristics / Advantages

- Highly flexible
- Excellent adhesion properties
- Mould resistant
- Waterproof
- Paintable
- Solvent free, water based
- Easy to apply
- Water clean-up

Product Data

Form

Appearance / Colours Transparent, White

Packaging 300 ml cartridge, 12 cartridges per carton

Storage

Storage Conditions 24 months from date of production if stored in undamaged and unopened, original sealed containers, in cool and dry conditions and protected from direct sunlight at temperatures between +5°C and +25°C. Sikacryl[®]-Super must be protected from frost.



Technical Data

Chemical Base	1-part thixotropic paste
Density	1.0 to 1.2 kg/L
Skinning Time	~ 15 minutes (+23°C / 50% r.h.)
Curing Rate	~3 mm / 24h (+23°C / 50% r.h.)
Movement Capability	±20%
Sag Flow	<2 mm
Service Temperature	Between -30°C and +80°C (maximum +40°C in water and temporarily +50°C)

Mechanical / Physical Properties

Shore A Hardness	45 to 60 (28 days, +23°C / 50% r.h.)
Tensile Strength	~ 1.0 N/mm ² (+23°C / 50% r.h.) (ISO 8339)
Tear Strength	~ 2.0 N/mm ² (+23°C / 50% r.h.) (DIN 24 method C))
E-Modulus	~ 0.6 N/mm ² at 100% elongation (+23°C / 50% r.h.) (ISO 8339)
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 / 300 ml	~ 3.5 m	~ 2 m

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 on easy corroding substrates such as blank steel, iron etc.

Colour deviations may occur due to chemicals, high temperature, UV radiation (especially with colour shade white). A change in colour does not influence the technical and protective performance of the product.

Do not use Sikacryl®-Super as glass sealer 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, plasticisers 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 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms and conditions of sale. Users should always refer to the most recent issue of the Australian version of the Product Data Sheet for the product concerned, copies of which will be supplied on request.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.

