

PRODUCT DATA SHEET

Sikacryl®-624 Fire

FIRE RESISTANT ACRYLIC SEALANT / COATING FOR FLOOR & WALL INTERSECTIONS



DESCRIPTION

Sikacryl®-624 Fire is a 1- part, fire resistant, acrylic sealant / coating for large joints in floors and floor/wall intersections in combination with mineral wool backing

USES

- Restores the fire resistance performance of gaps and joints at floor and wall intersections

CHARACTERISTICS / ADVANTAGES

- Can be poured, sprayed or brush applied
- Acoustic insulation when used in combination with mineral wool
- Up to 3 hours fire resistance in combination with mineral wool

APPROVALS / CERTIFICATES

- CE Marking and Declaration of Performance to European Technical Assessment ETA 18/1050, based on EAD 350141-00-1106:2017 - Fire stopping and fire sealing products, linear joint and gap seals
- Fire Resistance Performance Classification EN 13501-2, Sikacryl®-624 Fire, warringtonfire, Classification report No. 401159/C
- Fire Sealant for Fire Stopping EN 1366-4, EN 13501-2, ETAG 026-3, Sikacryl®-624 Fire, UL, Certificate No. UL-EU-01092-CPR
- Fire Slab Edge Linear Joint EN 1366-4, Sikacryl®-624 Fire, warringtonfire, Approval No. CF 5716

PRODUCT INFORMATION

Composition	Water based acrylic	
Packaging	20 kg container. Refer to current price list for packaging variations.	
Appearance / Colour	White	
Shelf life	12 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 +5 °C and +25 °C. Always refer to packaging.	
Density	~1,35 kg/l	(ISO 1183-1)

TECHNICAL INFORMATION

Service Temperature	-20 °C min. / +70 °C max
Resistance to Fire	Refer to 'Approvals / Certificates', Sika Passive Fire Protection Handbook or contact Sika Technical Services for specific information.

APPLICATION INFORMATION

Consumption	~2,8 kg/m ² This figure is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level or wastage etc.
Layer Thickness	2 mm (wet)
Ambient Air Temperature	+5 °C min. / +40 °C max.
Substrate Temperature	+5 °C min. / +40 °C max., min. 3 °C above dew point temperature

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The substrate must be clean, dry, sound, free from oils, grease, dust and loose or friable particles. Sikacryl®-624 Fire adheres without primers and/or activators.

APPLICATION

Reference must be made to the Sika Passive Fire Protection Handbook or contact Sika Technical Services for specific information.

CLEANING OF EQUIPMENT

Removal of fresh remnants from tools and application equipment can be carried out using water immediately after use. Once cured, hardened material can only be removed mechanically.

FURTHER INFORMATION

- Sika Method Statement: Sikacryl®-624 Fire
- Sika Passive Fire Protection Handbook
- Fire resistance classification reports

IMPORTANT CONSIDERATIONS

- Limitations regarding dimensions and configuration described in the relevant fire resistance classification reports must be considered.
- Do not use Sikacryl®-624 Fire as a glass sealer, for floor or sanitary joints, on natural stone, or for civil engineering applications.
- Do not use Sikacryl®-624 Fire on bituminous substrates, natural rubber, EPDM rubber or on any building materials which might leach oils, plasticizers or solvents that could degrade the sealant.
- Do not use Sikacryl®-624 Fire for joints under water pressure or for permanent water immersion.

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 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.

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.

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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