

PRODUCT DATA SHEET

Sikacryl®-621 Fire+

Fire resistant acrylic sealant for linear seals and penetrations

DESCRIPTION

Sikacryl®-621 Fire+ is a fire resistant, intumescent, phthalate-free acrylic sealant used for interior joints and penetration seals in fire compartment walls and floors.

USES

- Restores the fire resistance performance of a wall or floor which incorporates penetration services or linear seals
- Can be used in combination with SikaSeal®-626 Fire Board+, SikaSeal®-627 Fire Collar+ and SikaSeal®-629 Fire Wrap+

CHARACTERISTICS / ADVANTAGES

- Up to 4 hours fire resistance
- 1-part ready to use, easy to apply
- Provides acoustic insulation
- Tested for a large variety of relevant wall and floor types

PRODUCT INFORMATION

Composition	Acrylic dispersion	
Packaging	300 ml cartridge	12 cartridges per box
	600 ml foil pack	12 foil packs per box
	Refer to current price list for packaging variations.	
Shelf life	18 months from the date of production.	
Storage conditions	The product must be stored in original, unopened and undamaged packaging in dry conditions at temperatures between +5 °C and +25 °C. Always refer to packaging.	
Colour	White, grey	
Density	~1.6 kg/l	(ISO 1183-1)

SUSTAINABILITY

- Conformity with LEED v4 EQc 2: Low-Emitting Materials
- VOC emission classification GEV-EMICODE EC 1^{PLUS}

APPROVALS / CERTIFICATES

- CE Marking and Declaration of Performance to European Technical Assessment ETA 21/0889, based on EAD 350141-00-1106:2017 - Fire stopping and fire sealing products, linear joint and gap seals
- CE Marking and Declaration of Performance to European Technical Assessment ETA 21/0888, based on EAD 350454-00-1104:2017 - Fire stopping and fire sealing products, penetration seals
- Fire Resistance EN 13501,-2 UL-EU, No.UL-EU-01212-CPR

TECHNICAL INFORMATION

Service temperature	-20 °C min. / +70 °C max.
Resistance to fire	Refer to 'Approvals / Certificates', "Sikas Håndbog i passiv brandsikring for lineære fuger", "Sikas digitale håndbog for gennemføringer" or contact Sika Technical Services for specific information.
Joint design	Refer to 'Approvals / Certificates', "Sikas Håndbog i passiv brandsikring for lineære fuger", "Sikas digitale håndbog for gennemføringer" or contact Sika Technical Services for specific information.

APPLICATION INFORMATION

Sag flow	~0 mm (20 mm profile, +50 °C)	(ISO 7390)
Ambient air temperature	+5 °C min. / +30 °C max.	
Substrate temperature	+5 °C min. / +30 °C max., min. +3 °C above dew point temperature	
Backing material	Refer to 'Approvals / Certificates', "Sikas Håndbog i passiv brandsikring for lineære fuger", "Sikas digitale håndbog for gennemføringer" or contact Sika Technical Services for specific information.	
Skimming time	~15 min (+23 °C / 50 % r.h.)	(CPQ 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 INFORMATION

- Sikas Håndbog i passiv brandsikring for lineære fuger: Sikacryl®-621 Fire+
- Sikas digitale håndbog for gennemføringer [Digital håndbog for passiv brandsikring \(sika.com\)](#)
- Brochure Sika Fire Protection Solutions

IMPORTANT CONSIDERATIONS

- Colour variations may occur due to exposure to chemicals, high temperatures and/or UV-radiation (especially with the colour shade white). However, a change in colour is purely of aesthetic nature and does not adversely influence the technical performance or durability of the product.
- Do not use Sikacryl®-621 Fire+ as glass sealer, for floor joints, sanitary joints or on natural stone.
- Do not use Sikacryl®-621 Fire+ on bituminous substrates, natural rubber, EPDM rubber or on any building materials which might leach oils, plasticizers or solvents that could attack the sealant.
- Do not use Sikacryl®-621 Fire+ for joints under water pressure or for permanent water immersion.
- Bare metal in contact with Sikacryl®-621 Fire+ must be protected against corrosion using a suitable primer / protection system.
- Sikacryl®-621 Fire+ may only be used for applications and in combination with products it was tested for.

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 homogeneous, free from oils, grease, dust and loose or friable particles.

Sikacryl®-621 Fire+ adheres without primers and/or activators.

APPLICATION METHOD / TOOLS

Please look in "Sika Håndbog i passiv brandsikring for lineære fuger", "Sikas digitale håndbog for gennemføringer" or contact Sika Technical Services for additional information.

CLEANING OF EQUIPMENT

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

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July 2022, Version 02.01
020517010040000009

LOCAL RESTRICTIONS

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

LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

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Sikacryl-621Fire+-en-DK-(07-2022)-2-1.pdf