

## PRODUCT DATA SHEET

# SikaSeal®-623 Fire

Fire resistant intumescent sealant for penetration seals

### DESCRIPTION

SikaSeal®-623 Fire is a fire resistant, intumescent graphite based sealant for interior penetration seals. SikaSeal®-623 Fire is designed to provide a high volume expansion and pressure seal during a fire to combustible pipes that pass through floor and wall service openings.

### USES

- Restores the fire resistance performance of a floor or wall which incorporates combustible services such as soil and vent pipes or cables.

### CHARACTERISTICS / ADVANTAGES

- Highly intumescent - volume expansion 20 times original size
- 1-part ready to use, easy to apply
- Acoustic insulation
- Up to 4 hours fire resistance

### SUSTAINABILITY

- Conformity with LEED v4 EQc 2: Low-Emitting Materials
- VOC emission classification GEV-EMICODE EC 1<sup>PLUS</sup>

### APPROVALS / CERTIFICATES

- CE Marking and Declaration of Performance to European Technical Assessment ETA 18/1049, based on EAD 350454-00-1104:2017 - Fire stopping and fire sealing products, penetration seals
- Fire Intumescent Sealant Pipe Closure and Linear Joint EN 1366-3, SikaSeal®-623 Fire, warringtonfire, Approval No. CF 5717
- Fire Resistance Performance Classification EN 13501-2, SikaSeal®-623 Fire, warringtonfire, Classification report No. 401159/B
- Fire Sealant for Fire Stopping EN 1366-3, EN 13501-2, ETAG 026-2, SikaSeal®-623 Fire, UL, Certificate No. UL-EU-01091-CPR

## PRODUCT INFORMATION

Composition	Graphite	
Packaging	300 ml cartridge	12 cartridges per box
	600 ml foil pack	12 foil packs per box.
	Please contact our customer service, for information of what packaging sizes are sold in Denmark.	
Shelf life	18 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.	
Colour	Anthracite	
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 additional information.	

## APPLICATION INFORMATION

Ambient air temperature	+5 °C min. / +40 °C max.	
Substrate temperature	+5 °C min. / +40 °C max., min. 3 °C above dew point temperature	

## 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

- Sika Method Statement: SikaSeal®-623 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 SikaSeal®-623 Fire as glass sealer, for floor joints, sanitary joints, on natural stone, or for civil engineering applications.
- Do not use SikaSeal®-623 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 SikaSeal®-623 Fire for joints under water pressure or for permanent water immersion.

## 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. SikaSeal®-623 Fire adheres without primers and/or activators.

### APPLICATION METHOD / TOOLS

Reference must be made to the Sika Passive Fire Protection Handbook 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.

## 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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### PRODUCT DATA SHEET

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