

PRODUCT DATA SHEET

SikaSeal®-627 Fire Collar

FIRE RESISTANT PIPE COLLAR

DESCRIPTION

SikaSeal®-627 Fire Collar is a fire resistant prefabricated pipe collar consisting of a metal casing and an intumescent insert for interior and exterior penetration sealing applications. SikaSeal®-627 Fire Collar 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 service openings containing metallic, plastic or composite pipes / conduits.
- Outer face wall or floor application in combination with Sikacryl®-621 Fire
- Can be combined with SikaSeal®-626 Fire Board and Sikacrete®-630 Fire

CHARACTERISTICS / ADVANTAGES

- Pipe diameter range 32–250 mm
- Highly intumescent - Volume expansion 20 times original size
- Flexible design enables installation in confined spaces
- Easy to apply - 1 part, 3 fixings for all sizes
- Up to 4 hours fire resistance

APPROVALS / CERTIFICATES

- CE Marking and Declaration of Performance to European Technical Assessment ETA 18/1047, based on EAD 350454-00-1104:2017 - Fire stopping and fire sealing products, penetration seals
- Fire Collar for Fire Protection EN 1366-3, SikaSeal®-627 Fire Collar, warringtonfire, Approval No. CF 5714
- Fire Collar for Fire Stopping EN 1366-3, EN 13501-1, EN 13501-2, ETAG 026-2, SikaSeal®-627 Fire Collar, UL, Certificate No. UL-EU-01094-CPR
- Fire Resistance Performance Classification EN 13501-2, SikaSeal®-627 Fire Collar, warringtonfire, Classification report No. 401159/E

PRODUCT INFORMATION

Composition	Graphite based, intumescent strip																												
Packaging	Box with 2 collars.																												
Appearance / Colour	White casing with anthracite insert																												
Shelf life	5 years 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 -40 °C and +80 °C. Always refer to packaging.																												
Dimensions	<p>SikaSeal®-627 Fire Collar is available in the following dimensions.</p> <table><thead><tr><th>Inner diameter SikaSeal®-627 Fire Collar</th><th>Pipe diameters</th></tr></thead><tbody><tr><td>32 mm</td><td>0–32 mm</td></tr><tr><td>40 mm</td><td>32–40 mm</td></tr><tr><td>55 mm</td><td>40–55 mm</td></tr><tr><td>63 mm</td><td>55–63 mm</td></tr><tr><td>75 mm</td><td>63–75 mm</td></tr><tr><td>82 mm</td><td>75–82 mm</td></tr><tr><td>90 mm</td><td>82–90 mm</td></tr><tr><td>110 mm</td><td>90–110 mm</td></tr><tr><td>125 mm</td><td>110–125 mm</td></tr><tr><td>140 mm</td><td>125–140 mm</td></tr><tr><td>160 mm</td><td>140–160 mm</td></tr><tr><td>200 mm</td><td>160–200 mm</td></tr><tr><td>250 mm</td><td>200–250 mm</td></tr></tbody></table> <p>All sizes is available, but please contact our customer service, for information on which collars size in on stock in Denmark.</p>	Inner diameter SikaSeal®-627 Fire Collar	Pipe diameters	32 mm	0–32 mm	40 mm	32–40 mm	55 mm	40–55 mm	63 mm	55–63 mm	75 mm	63–75 mm	82 mm	75–82 mm	90 mm	82–90 mm	110 mm	90–110 mm	125 mm	110–125 mm	140 mm	125–140 mm	160 mm	140–160 mm	200 mm	160–200 mm	250 mm	200–250 mm
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TECHNICAL INFORMATION

Resistance to Fire	Refer to 'Approvals / Certificates', Sika Passive Fire Protection Handbook or contact Sika Technical Services for specific information.
Service Temperature	-20 °C min. / +70 °C max (currently -40 / +120)

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

Reference must be made to the Sika Method Statement: SikaSeal®-627 Fire Collar

FURTHER INFORMATION

- Sika Method Statement: SikaSeal®-627 Fire Collar
- 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.

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 declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this

product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w)

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.

Sika Danmark A/S
Hirsemarken 5
3520 Farum
Tlf. +45 48 18 85 85
www.sika.dk



PRODUCT DATA SHEET
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