

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

FEATURES

- 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

CERTIFICATES AND TEST REPORTS

- 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 and 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	SikaSeal®-627 Fire Collar is available in the following dimensions. <table border="1"><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>	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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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																												

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

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

FURTHER DOCUMENTATION

- 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.

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 the 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).

APPLICATION INSTRUCTIONS

APPLICATION METHOD / TOOLS

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

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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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ISO 9001, 14001, 45001 – SGS
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ISO 9001, 14001 – SGS
Sika Saudi Arabia Limited
ISO 9001, 14001 – TÜV
Sika MB Construction Chemicals LLC
Sika Construction Chemicals for Manufacturing LLC
ISO 9001 – LMS
Sika MB LLC

All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



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