

PRODUCT DATA SHEET

SikaSeal[®]-636 Fire Brick

Fire resistant brick for penetration seals

DESCRIPTION

The Product is a pre-cured brick-shaped intumescent fire foam

USES

- Mixed penetration seal for rigid walls, rigid floors and flexible walls
- Mixed penetrations with cables, cable trays, conduits, metal pipes and combustible pipes <50 mm diameter
- Can be used in combination with SikaSeal-635 Fire Foam

FEATURES

- Easy and fast fire stopping solution for mixed penetrations
- One sided application

CERTIFICATES AND TEST REPORTS

- ETA 21-0719, SikaSeal-698 Fire System
- ETA 21-0718, SikaSeal-699 Fire System

PRODUCT INFORMATION

Composition	pre-cured polyurethane foam
Packaging	18 pieces per box
Colour	Red-brown
Shelf life	6 years from production date
Storage conditions	The Product must be stored in the original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging. Refer to the current Safety Data Sheets for information on safe handling and storage.
Density	$\rho = 240 - 300 \text{ kg/m}^3$

TECHNICAL INFORMATION

Resistance to fire	Refer to the section 'Approvals/Certificates' or contact Sika Technical Services for specific information.		
Thermal conductivity	$\lambda = 0,103 \text{ W}\cdot\text{m}^{-1}\cdot\text{K}^{-1}$		(EN 12667)
Sound insulation	Tested without penetrating elements (EN ISO 717-1)		
	Test specimen dimensions	$D_{n,e,w}(C;Ctr)$	$R_w(C;Ctr)$
	350 x 350 x 144 [mm]	64 (-1; -6) dB	45 (-1; -6) dB
	360 x 360 x 200 [mm]	68 (-4; -11) dB	49 (-4; -11) dB

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.

ECOLOGY, HEALTH AND SAFETY

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

Reference must be made to the relevant Sika Application Manual or contact Sika Technical Services for additional information.

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
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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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