

PRODUCT DATA SHEET

SikaSeal®-644 Fire Board

Ribbed mineral fibre board single-side pre-coated with SikaSeal®-641 Fire Coating

DESCRIPTION

SikaSeal®-644 Fire Board is a ribbed mineral fibre board single-side pre-coated with the water-based ablative SikaSeal®-641 Fire coating. It is used for penetration sealing of cables and pipes through fire-rated walls and floors.

USES

- Preserves the fire integrity for penetration of cables and pipes through fire-rated walls and floors
- Forms part of the system SikaSeal® ABL Cable-D for penetration sealing of cables and cable trays
- Forms part of the system SikaSeal® ABL Combi-D for penetration sealing of cables, cable trays and pipes
- For indoor and outdoor application

FEATURES

Pre-coating with SikaSeal®-641 Fire Coating:

- High resistance to weathering, ageing and chemicals
- LOI (Limiting Oxygen Index) > 95 %, no flame formation during burning, even in highest oxygen saturation
- Solvent-free

CERTIFICATES AND TEST REPORTS

- European Technical Assessment ETA-22/0436
- Part of German type approval SikaSeal® ABL Cable-D and Combi-D
- Part of Swiss VKF type approval SikaSeal® ABL Combi-S and Combi-D
- Part of European type classification SikaSeal® ABL Combi-S und Combi-D
- FM Approval 4990

PRODUCT INFORMATION

Composition	Ribbed mineral fibre board with a density of >150 kg/m ³ pre-coated on a single side with 1 kg/m ² SikaSeal®-641 Fire Coating
Packaging	42 single-side pre-coated boards on a CP1 pallet
Colour	White pre-coated layer
Shelf life	No restrictions
Storage conditions	Store pallet in dry environment. No restrictions regarding storage temperatures.
Resistance to fire	Refer to the section 'Certificates and Test Reports' or contact Sika Technical Services for specific information.
Layer thickness	0.7 mm layer thickness of pre-coating SikaSeal®-641 Fire Coating (single side)

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 Application Manual: SikaSeal®-644 Fire Board
- Brochure Sika Fire Protection Solutions
- Online Sika Solution Finder

ECOLOGY, HEALTH AND SAFETY

APPLICATION

IMPORTANT: Strictly follow installation procedures as defined in the application manuals which must always be adjusted to the actual site conditions. Please refer to the relevant approval documents (see section 'certificates and approvals'). Please note, that a finishing layer of SikaSeal®-641 Fire Coating will be required in order to reach the mandatory layer thickness as indicated in the relevant approval document.

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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