

PRODUCT DATA SHEET

SikaWall® Fire Cement

READY-MIXED FIRE CEMENT THAT CURES WHEN EXPOSED TO HEAT

PRODUCT DESCRIPTION

SikaWall® Fire Cement is a ready-mixed blend of thermosetting resins and inorganic fillers that cures when exposed to heat, resulting in a mortar which is resistant to temperatures up to 1250°C. SikaWall® Fire Cement can be used for domestic and commercial applications on fire bricks, fire grates, flue pipes, flue bricks, boilers, pizza ovens and other applications subject to extreme heat. Offers excellent adhesion to fire bricks, blockwork, stone and clayware. Asbestos free.

USES

- Fire bricks, fire grates, flue pipes, flue bricks.
- Boilers.
- Solid fuel burning stove.
- Pizza ovens.

PRODUCT INFORMATION

Chemical Base	Clays, inorganic fillers and silicates
Packaging	1 kg, 2 kg and 5 kg tubs
Colour	Buff
Shelf Life	Up to 12 months when stored according to manufacturers instructions
Storage Conditions	Store between +5 °C to +30 °C in original containers. Keep out of direct sunlight.
Density	ca. 2 g/cm ³
Service Temperature	-10 °C to +1250 °C

APPLICATION INFORMATION

Consumption	3 m/kg (assume 15 mm bead) depending on joint dimensions
Ambient Air Temperature	+5 °C to +60 °C

VALUE BASE

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.

LIMITATIONS

- Not suitable as a gas sealant.
- Always moisten surfaces prior to applying.
- Always apply heat gradually.
- Product is not waterproof.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be clean, free from dust, grease and other contamination. Wet all surfaces to give a good key.

MIXING

Use straight from tub. Soften with a small amount of water if required.

APPLICATION

Work well into the joints using a trowel or gloved hands. After applying, gradually increase heat over a 4 hour period. Make good any cracks which may form with fresh cement to form a smoke-tight seal.

CLEANING

Clean tools in warm water and soap after use.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

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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