

PRODUCT DATA SHEET

EVERBUILD® KOS® FIRE CEMENT

FIRE CEMENT THAT IS RESISTANT TO TEMPERATURES UP TO 1250°C.

PRODUCT DESCRIPTION

EVERBUILD® KOS® FIRE CEMENT is a ready mixed blend of thermo setting resins and temperature resistant inorganic fillers that cures when exposed to heat to give a seal that is resistant to temperatures up to 1250°C. Suitable for fixing/repairing fire backings etc.

USES

- Fire bricks, fire grates, flue pipes, flue bricks
- Boilers
- Fireplaces
- Solid fuel ovens

CHARACTERISTICS / ADVANTAGES

- Easy to apply by trowel. Excellent adhesion to fire bricks, blockwork, stone and clayware.
- Temperature resistant up to 1250°C.
- Suitable for domestic and industrial use.
- Asbestos free.

Application Temp	5°C to 60°C
Coverage	3 meters per kg (assume 15mm bead) depending on joint dimensions.

PRODUCT INFORMATION

Packaging	Buff - 500g, 1kg, 2kg, 6kg, 12.5kg, 25kg, 300ml Plastic Tubs Black - 500g, 1kg, 2kg, 12.5kg, 300ml Plastic Tubs
Appearance / Colour	Buff/Black
Shelf Life	12 months when stored according to the manufacturers directions.
Storage Conditions	Store between 5 and 25°C in original containers. Keep out of direct sunlight.
Density	2.0 g/cm ³ (approx)

TECHNICAL INFORMATION

Service Temperature	-10 to 1250°C
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APPLICATION INSTRUCTIONS**SUBSTRATE QUALITY / PRE-TREATMENT**

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

APPLICATION

Use straight from tub. Soften with a small amount of water if required. Work well into the joints. 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 OF TOOLS

Clean tools in warm water and soap after use.

LIMITATIONS

- Not suitable as a gas sealant.
- Always moisten surfaces prior to applying.
- Always apply heat gradually.
- Black EVERBUILD® KOS® FIRE CEMENT will turn buff / grey above ~650°C
- Not suitable for use where the product will be exposed to water / rain

VALUE BASE

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

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 the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

Consult MSDS for full list of hazards.

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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Product Data Sheet
EVERBUILD® KOS® FIRE CEMENT
May 2019, Version 01.01
020405040010000002

EVERBUILDKOSFIRECEMENT-en-IE-(05-2019)-1-1.pdf

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