

PRODUCT DATA SHEET

EVERBUILD® Flue Cement

high temperature, ready mixed, fireproof mortar paste

PRODUCT DESCRIPTION

EVERBUILD® Flue Cement is a high temperature (to 1250°C) ready mixed fireproof mortar paste, designed for the safe installation/jointing of Type A1 (BSEN1857) concrete flue liners (previously known as class 1) for use with domestic fires and stoves e.g. coal, wood burning or gas (including flame effect). EVERBUILD® Flue Cement may also be used as a general purpose fire cement in most applications where direct flame contact occurs.

USES

- Jointing and assembling of domestic concrete flue liners of following specification or direct equivalent.
- Liner types (BSEN1857) A1, B1, C1 or direct equivalent or lower specification for chimneys conveying combustion products to corrosion class 3.
- Copies of independent BSRIA test report are available on request.

CHARACTERISTICS / ADVANTAGES

- Fully rated (and independently tested by BSRIA) to BSEN1857 “chimneys-components-concrete flue liners” for class A1 liners.
- High temperature resistance (including direct flame) to +1250°C.

PRODUCT INFORMATION

Packaging	300ml cartridge	
Shelf Life	Use within 12 months.	
Storage Conditions	Store in cool dry conditions between + 5°C and 25°C.	
Density	~ 1.8 g / cm ³	
Service Temperature	-10°C to 1250°C	
Consumption	Bead Size (mm)	Linear Meters per 310ml tube (approx)
	6	10.5
	8	6
	10	4

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

All surfaces must be clean and dry. Dusty surfaces may be primed using a dilution of 4 parts water to 1 part PVA Bond and allowed to dry.

APPLICATION

Apply with a cartridge gun. Cut the tip of the cartridge taking care not to damage the thread. Fix the nozzle and cut to correct aperture. Apply according to the liner manufacturers instructions.

LIMITATIONS

- As liner/block type can vary, always follow liner manufacturers instructions regarding installation and check this product is compatible with their systems.
- Protect joints from rain until construction is finished.
- In line with current standards and regulations all flues must be fully smoke tested after insulation to ensure correct function. Similarly when the appliance is fitted the complete system must be smoke tested in line with BS5440 part 1 or direct equivalent by an approved installer, prior to being put into service.
- It is the users responsibility to determine suitability for use which must be checked with the flue liner manufacturer prior to installation.

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 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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