

PRODUCT DATA SHEET

EVERBUILD® Heatproof Screed

PROTECTIVE RENDERING FOR BRICK AND STONE AGAINST HEAT EXPOSURE

PRODUCT DESCRIPTION

EVERBUILD® Heatproof Screed is a cement like material which provides a protective rendering for brick, stone and other vulnerable materials which can be damaged by exposure to heat. It is a fully blended composition, with a maximum grain size of 3mm, and will mix with water to a trowellable consistency. It has a maximum service temperature of 1300°C, which is more than adequate for most domestic applications.

USES

- A protective coating for brick and stone in areas of high heat exposure
- For use with “cassette” or “hole in the wall” fire places
- As a base coat for applying heat resistant plaster
- Repairing kilns, furnaces and brick ovens
- Interior/exterior use

CHARACTERISTICS / ADVANTAGES

- Easily trowelable formulation
- Temperature resistant up to 1300°C
- Works on most common building materials

Drying time	48 hours at 20°C and 50% R/H
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PRODUCT INFORMATION

Packaging	20kg pail
Appearance / Colour	Grey
Shelf Life	12 months when stored according to manufacturer’s instructions
Storage Conditions	Store in a cool (5 - 25°C), dry area.
Density	1.84 g/cm ³
Maximum Grain Size	3mm

APPLICATION INFORMATION

Consumption	20kg will cover 0.5m ² at 25mm depth
Layer Thickness	Minimum 12.5mm

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Ensure all surfaces are free from all loose dust and contaminants i.e. rust, soot, grease, dust etc. All surfaces to be over coated with this product should be fully cured and not contain excessive moisture. Everbuild Building Products Ltd always advocates the use of a PVA primer (mixed 4 parts water to 1part PVA) prior to application of our product range onto porous surfaces.

APPLICATION

It is important to provide key for EVERBUILD® Heatproof Screed by raking out any mortar joints to a depth of about 12.5mm (½”) and generally roughening the brick work or stone work with a sharp tool. Mix with cold clean water, stirring until a trowelable consistency is achieved. Apply to exposed surfaces with a trowel or float working from the base upwards to give maximum support.

EVERBUILD® Heatproof Screed can be applied to a maximum thickness of 50mm (2”), however 25mm (1”) will be adequate for most applications. The thickness should however not be less than 12.5mm (½”). The rendered surface should be allowed to cure for 24 hours preferably kept cool and wet; covering with polythene or wet rags after 6 hours. The screed should then be allowed to dry out naturally for at least 48 hours before any heat is applied. The initial heating should be as gentle as possible to allow the remaining moisture to be removed without damage to the screed.

LIMITATIONS

- Do not apply at less than 12.5mm thickness
- Low temperature/ high humidity will impair drying
- Do not apply when the ambient temperature is below 5°C or RH exceeds 90%
- Always check with fire place manufacturers regarding the installation requirements of the product in use, Everbuild Building Products Ltd cannot know all the pertinent information on installation of gas fires, cassette fires or stoves

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

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

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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