

## PRODUCT DATA SHEET

# EVERBUILD® Heat Resistant Plaster

FOR PLASTERING AREAS ADJACENT TO HEAT SOURCES

## PRODUCT DESCRIPTION

EVERBUILD® Heat Resistant Plaster is a replacement material for gypsum-based plasters where temperatures are likely to exceed 50°C. EVERBUILD® Heat Resistant Plaster is a fine blended powdered material which is mixed with water to a trowelable/floating consistency and can be used as finishing plaster.

## USES

- Around log burning stoves.
- For use with “cassette” or “hole in the wall” fire places.
- On walls and chimney breasts where the temperature is likely to exceed 50°C.
- Any domestic application where high temperature resistance is needed.

## CHARACTERISTICS / ADVANTAGES

- Easy trowelable formulation.
- Temperature resistant up to 500°C.
- Works on most common solid materials.
- Is compatible with all backing plasters (important where the plasters meet going from fire rated areas)

## PRODUCT INFORMATION

|                            |  |
|----------------------------|--|
| <b>Packaging</b>           | 12.5kg & 20kg pails  |
| <b>Appearance / Colour</b> | Grey   |
| <b>Shelf Life</b>          | Up to 12 months when stored according to manufacturer’s instructions.          |
| <b>Storage Conditions</b>  | Store in original unopened containers between 5°C and 20°C.                    |
| <b>Mixing Ratio</b>        | 8ltr water to 20kg of powder or 5ltrs water to 12.5kg of powder                |
| <b>Yield</b>               | 20kg - 2.2m <sup>2</sup> @ 5mm depth<br>12.5kg - 1.25m <sup>2</sup> @5mm depth |
| <b>Layer Thickness</b>     | Min - 5mm to reflect 500°C<br>Max - 13mm                                       |

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

Ensure all surfaces are free from all loose dust and

contaminants i.e. rust, soot, grease etc.

All surfaces to be overcoated 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

Always use clean fresh water and follow the surface preparation guidelines. Use a drill mixer attachment as it is not possible to mix this product by hand. Mix, in a step-wise manner, approximately 1 part water to 2.5 parts EVERBUILD® Heat Resistant Plaster by volume powder until a smooth trowelable consistency is achieved - normally within 10-15 mins of mixing. **Allow the mix to stand for 5 to 10 minutes (dependant on the ambient temperature).**

The product can then be floated within approximately 1 hour of application (dependant on ambient temperature and humidity). Smooth off and allow three days minimum to cure naturally before heat is applied.

## LIMITATIONS

- It is recommended that this plaster is used in conjunction with the product Heatproof Screed.
- Low temperature/ high humidity will impair drying.
- Do not apply when the ambient temperature is below 5°C or RH exceeds 90%.
- Do not overdose with water, always follow the mixing instructions.
- Always check with fireplace 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.
- **THIS IS NOT A GYPSUM-BASED PLASTER & SHOULD NEVER BE APPLIED AS ONE.**

## 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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