

mortar special high temperature resistant and direct fire

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Technical Department

Description:

Product powder mixed with water and set, reduces heat transfer and direct fire resists formulated with refractory cement, specially selected aggregates and additives that give a very good performance to resist high temperatures.

TechnicalFeatures:

Powder density: $1,350 \pm 0,05$ g/cc.

Mass of density: $2,500 \pm 0,05$ g/cc.

Curing density: $2,250 \pm 0,05$ g/cc.

Water absorption: $24 \pm 2\%$

Water retention: $> 97\%$

Adherence: $> 0,8$ N/mm²

Compressive resistance: > 200 kg/cm²

Flexural strength resistance: > 40 kg/cm²

Colour/s: grey

Capillarity: Temperature of work: 5 to 30°C

Temperature of service: until 1100°C, recommended used

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Coverage:

1,5 kg per sqm in layer of 1 mm.

Uses:

In refractory bricklaying for lifting fireplaces, barbecues, ovens. In the combustor liner in furnaces and boilers. In coating chimneys etc.. Moreover in high ambient temperatures.

Features & benefits:

RESIST HIGH TEMPERATURES RESIST DIRECT FIRE PLASTER REFRACTORY PIECE

Surface preparation:

Must be clean, no grease, oil, dust and loose particles, presenting compact, dry or slightly damp.

Application:

- Mix REFRACMOR SUPER with water in a clean container in the proportion of 100/24 in weight respectively until reaching the desired consistency.
- Mix briskly by preferably using an electric drill or mixer.
- Apply the paste in the same way as a normal mortar using a trowel, small trowel, etc.

Clean up:

With clean water while the material is fresh, hardened after can only be removed by mechanical means.

Storage:

Two years, in their original bags tightly closed, protected from the weather and in dry and ventilated.

Packaging:

Available in packs of:

The information provided on this technical data sheet and particularly the recommendations for the application and use of the product is based on our current knowledge and are provided in good faith, considering that the products are used, handled and stored under normal conditions and within the limits of its useful life. The possible differences between the materials, supports, and real conditions in the application site can be so important that it is not possible to establish a warranty with this document or any other information provided. The user must verify with a suitability test that the product conforms to the required use. Users should refer to the information included in the last technical data sheet edition.



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