

# MORTARS



# DEKOFIRE

Colour	Paketimi	Consumption
Grey	Paper Bag 25 Kg	18kg/m <sup>2</sup> /cm Layer thickness

## DESCRIPTION

Fire-resistant mortar for environments requiring high temperature resistance. Composed of fire-resistant cement and high-quality quartz sand.

Offers the following:

- High adhesive strength
- Fast setting
- Mechanical resistance

Classified as mortar M25, according to EN 998-2.

## FIELD OF APPLICATION

For building masonry and plastering all types of fire resistant bricks such as heating fireplaces, wood ovens, stoves, etc. Application is done in a single layer, and work is recommended to be carried out at temperatures from +5 to +35 °C.

## SUBSTRATE PREPARATION

Before applying Dekofire, the substrate must be clean, free of dust, oils, paint, or residues that may interfere with the bonding between layers. The bricks should be moistened with water prior to application.

## APPLICATION

Mix 4.5–5.5 L of clean water with 25 kg of product. The resulting mixture should be blended using an electric mixer until a homogeneous mass is formed. Let the mixture rest for 5 minutes, then mix again before use. Application is mainly done with a trowel. It is recommended to put the fireplace or heat source into operation 7 days after the application is completed. Workability time is two hours. Consumption: Approximately 18 kg/m<sup>2</sup> per cm of layer thickness.



TECHNICAL DATA

<b>Appearance:</b> Powder	<b>pH of mixture:</b> >12
<b>Packaging:</b> 25 kg paper bag on 1350 kg pallets	<b>Application Temperature:</b> +5°C to +35°C
<b>Colour:</b> Grey	<b>Waiting time for the fireplace:</b> 7 days
<b>Storage:</b> Store in dry places on wooden pallets	<b>Granulation:</b> 0.7 mm
<b>Storage Time:</b> 12 months from the production date	<b>Application thickness:</b> 2 cm
<b>Bulk Density:</b> 1.45-1.5 gr/cm³	<b>Compressive strength:</b> ≥ 30N/mm²
<b>Water for mixture:</b> 5 liters of water for 25 kg	<b>Flexural strength:</b> ≥ 5N/mm²



For very large tile formats, apply a double layer of adhesive, on the tile and the substrate. Resistant to temperatures from -30°C to +70°C. Protect the substrate for at least 24 hours after applying the adhesive from heavy rains, running water, frost, and strong sunlight.