Hämeenkatu 9
05800 HYVINKÄÄ
Tel. 020 789 5900
www.fescon.fi

# FIREPROOF MASONRY MORTAR TKM




### Product description

Fescon Fireproof Masonry Mortar is designed for thin-walled masonry of firebricks used in indoor wood-fired household fireplaces.
- Easy to use
- Heat resistance +1200°C
- good workability characteristics

### Applications

- Thin-walled masonry of firebricks in wood-heated fireplaces and fire surfaces indoors

**The product is listed in the portal for building products that can be used in Nordic Swan Ecolabelled buildings.**

### Instructions

## Mixing

Refer to the bag for how much water the plaster requires. Add the dry material into the water and mix with a power mixer or a drill paddle for around four to five minutes. Let the plaster stand for around ten minutes and mix it again for a short while. Find the correct consistency at this stage by gradually adding the rest of the water. We do not recommend adding all of the water right at the start. The finished plaster remains workable for several days, if water evaporation from the plaster is prevented.

## Work instructions

The lowest working temperature is +5°C. The temperature of the bricks must be above +5°C and the mortar above +10°C. Lay the bricks with ca. 1-2 mm joint thickness.

## After treatment

The plaster binds chemically in room temperature and ceramically at a temperature of around +700°C. Before taking the structure into use, allow it to dry 2-3 weeks with all hatches and dampers open. Perform the first, careful heating with a heater blower, for example. Next 3 to 5 days, heat carefully with a small fire. Leave the hatches and dampers open after each drying heating.

### Waste handling

Storage and handling of waste
See the separate storage and disposal instructions https://www.fescon.fi/en/material-bank

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# Technical information

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|---|---|
| **Material usage** | 0.25 kg/brick |
| **Water requirement** | 3.6 - 4.0 l / 20 kg bag |
| **Finished compound** | 9.6 - 10.4 l / 20 kg bag |
| **Type** | Powder |
| **Colour** | Grey |
| **Maximum grain size** | 0.5 mm |
| **Package size** | 5 kg and 20 kg |
| **Storage** | Sack: storage time in a dry location approx. 1 yearPlastic container: storage time in a dry location 18 months |
| **Lowest usage temperature** | +5°C |
| **Workability time** | Several days in a closed container |
| **Heat resistance** | +1200°C |

Limitation of liability, product use notes and restrictions: Please familiarize yourself with Fescon Oy's general terms of delivery and the design and work instructions related to the product.