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

CLAY STOVE MORTAR SUL



Product description

Fescon Clay Stove Mortar is a special mortar with clay as its main binder and natural sand with a maximum grain size of 1.5 mm as its aggregate.
• Easy to use
• Good workability characteristics

Applications

• Burnt brick masonry of wood-heated fireplaces and flues 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 to the water and mix with a concrete mixer for around ten minutes. With a power mixer or a drill paddle, around four to five minutes of mixing is sufficient. Allow the plaster to 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 around three hours.

Work instructions

The lowest working temperature is +5°C. The temperatures of the bricks and plaster must also be above +5°C, and the bricks must be dry and absorbent. The bricks are laid with around 10-13 mm joints or as open joint masonry, in which case pointing is done using Fescon grout. Use Fescon Masonry Mortar and weather-resistant bricks for the masonry of the cold flue section (flue above the roof). Follow the instructions of the designers and official regulations in masonry work.

After treatment

After the bricklaying, the temperature should remain above +5°C for at least 5 days. 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

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

Technical information

Material usage	0.8 kg/solid brick (257x123x57) 1.0 kg/perforated brick (257x123x57) 1.3 kg/perforated brick (257x130x75)
Water requirement	Approx. 5 l / 25 kg
Finished compound	15 l / 25 kg
Type	Powder
Aggregate	Main binder: clay, contains a small amount of cement
Colour	Grey
Maximum grain size	1.5 mm
Storage	Storage time in a dry location approx. 1 year
Lowest usage temperature	+5°C
Workability time	3 h
Reaction to fire	A1

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.