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

WINTER-TIME MASONRY MORTAR TML



Product description

Fescon Winter-time Masonry Mortar is a masonry cement based dry mortar for winter-time masonry in the temperature range -15°C...+5°C. The maximum grain size is 3.0 mm.
- Easy to use
- Good workability characteristics

Applications

- Winter-time masonry with lightweight aggregate and concrete blocks, and burnt bricks

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 cold water and mix with a concrete mixer for around ten minutes. With a power mixer or a drill paddle, around two to three minutes of mixing is sufficient. Let the plaster stand for around five 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 30 minutes to one hour.

Work instructions

Block Mortar Winter is designed for masonry in the temperature range -15°C...+5°C. Follow the instructions of the designers and official regulations in masonry work. National Building Code of Finland B8, Brick Structures. Instructions 2007. SFS handbook 176.

Other points to note

Winter products will be available in the winter season, from 15 September to 1 March. At other times, the products must be ordered separately.

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

Material usage	Approx. 4 kg / H75 - UH150 Approx. 7 kg / UH200 - RUH380
Water requirement	2.5 - 3.0 l / 25 kg
Finished compound	13 - 14 l / 25 kg bag
Type	Powder
Colour	Grey
Maximum grain size	3 mm
Package size	25 kg
Storage	Storage time in a dry location approx. 1 year
Usage temperature	-15°C...+5°C
Workability time	0.5 - 1 h
Compressive strength	M 10
Adhesion strength	≥0,16 N/mm^2 (SFS-EN 998-2, 5.4.2 a)
Reaction to fire	A1
Heat conductivity	0,72 [w/(m•K)], P=50%
Chloride content	< 0.01 %
Water vapour permeability	μ 15/35
Water absorption by capillarity	0,15 kg/(m^2 · min^{0,5}) (EN1015-18)
GWP A1 raw material	0,0828
GWP A2 transport	0,00493
GWP A3 manufacturing	0,0269
GWP A1-A3	0,115
GWP A4 transport	0,0158
GWP A5 assembly	0,00279
GWP unit	kg CO2e/kg
Method for calculating the GWP value	EPD

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.