

Hämeenkatu 9  
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www.fescon.fi

## BLOCK MORTAR M100/500



### Product description

Fescon Block Mortar M 100/500 is a dry mortar for masonry of lightweight concrete blocks using a 10 mm seam. The maximum grain size is 3.0 mm.

- Easy to use
- Good workability characteristics
- Frost-resistant

### Applications

- Lightweight aggregate and concrete block masonry

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 two to three 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 temperature of the stones must be above 0°C. When the temperature is below +5°C, use Fescon winter plaster for the masonry work. 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.

### 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

<b>Material usage</b>	Approx. 4 kg / H75-UH150 Approx. 7 kg/UH 200 - RUH 380
<b>Water requirement</b>	2.7-3.3 l/25 kg
<b>Finished compound</b>	13 - 14 l / 25 kg bag
<b>Type</b>	Powder
<b>Colour</b>	Grey
<b>Maximum grain size</b>	3 mm
<b>Package size</b>	25 kg and 1000 kg
<b>Storage</b>	Storage time in a dry location approx. 1 year
<b>Lowest usage temperature</b>	+5°C
<b>Workability time</b>	3 h
<b>Strength class</b>	M 10
<b>Nominal shear resistance</b>	> 0.16 N/mm <sup>2</sup> (avg)
<b>Reaction to fire</b>	A1
<b>Chloride content</b>	< 0,01 %
<b>Frost resistance</b>	Frost-resistant

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.