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# WET PLASTER




### Product description

Fescon Wet plaster is a lime-based dry plaster from which ready-to-use wet plaster is prepared at a work site. With the Fescon special manufacturing method, the plaster has the good properties of traditional wet plaster. The maximum grain size is 0.6-4.0 mm.The finished wet plaster is suitable for use in adhesion plastering, filling and surface plastering according to the amount of cement. Suitable for mechanical and manual plastering. Also available with other lime-to-sand ratios.

- Add water and cement according to the instructions
- Good workability properties
- Extremely weather-resistant
- Pumpable
- Breathable

### Applications

- Burnt brick
- Lime-cement plastering
- Kahi brick
- Siporex (gas concrete)
- Insulation plastering

### Instructions

## Base

The brick surface and the plaster surface to be repaired must be clean and undamaged. Remove salt, dust, rust and compact cement paste, for example by water sand blasting. If necessary, wet a dry surface The absorption capacity of the base must, however, remain

## Mixing

Fescon Wet plaster is made at the work site with silo equipment.
The plastering silo (dry plaster) is installed adjacent to the maturing tank so that the output end of the silo is at the tank opening. A sensing element is installed at the desired height in the tank (controls the silo to automatically prepare new plaster to mature).
The silo is filled with the selected lime plaster powder, and lime plaster is prepared to mature for working with.
For example, it is possible to manufacture an amount of plaster for the subsequent day’s need to mature. The silo produces new plaster all the time according to its consumption. This way, the lime plaster has always time to mature even if its consumption is larger.
From the outlet end of the tank, the desired quantity of finished lime plaster is dosed to a vertical-shaft mixer. When the plaster level decreases to the lower limit of the sensing element, it controls the

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silo to produce new lime plaster to the upper limit of the sensing element.

## Work instructions

Slam or spray the adhesive plaster tightly to the base so that it fills 90-95% of the base. The adhesive plaster must be allowed to harden for at least one day before filling. Apply the filling plaster with a plaster trowel or a pump. A suitable thickness for one layer of filler is around 15 mm. If the layer thickness exceeds 20 mm, the filler must be applied in several layers so that the previous layer has had time to dry for one to two days before the next layer is applied. In dry conditions, the base must be dampened. Screed the filler plaster with a board. You can also carefully lap the surface with a wooden tool to level the surface.

## After treatment

If necessary, you must remember the aftercare of the finished plaster surface, for example by spraying it with water.

### 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** | 3-6 kg/m$^2$ (adhesion)<br>Approx. 30 kg/m$^2$ (fill to approx. 15 mm layer) |
| **Water requirement** | 140-180 l / 1000 kg |
| **Finished compound** | Approx. 600 l / 1000 kg |
| **Binder** | Lime (after addition also cement) |
| **Aggregate** | Natural sand |
| **Colour** | Grey |
| **Maximum grain size** | 0,6 mm, 1,5 mm ja 4,0 mm |
| **Package size** | 800 kg, 1000 kg |
| **Storage** | Storage time in a dry location approx. 1 year |
| **Additives** | If necessary, aeration additives are added |
| **Lowest usage temperature** | +5°C |
| **Workability time** | 2 - 3 h cement addition |
| **Compressive strength** | Plaster strength after adding cement (in volume parts) corresponds afterwards to the following KS plasters:<br>1:4 approx. KS 20/80<br>1:5 approx. KS 35/65<br>1:8 approx. KS 50/50<br>1:10 approx. KS 60/40 |
| **Reaction to fire** | A1 |
| **Frost resistance** | Flexural and compressive strength do not decrease after 200 melt-freeze cycles |
| **Water retention capacity** | 80 - 90 % |
| **GWP A1-A3** | 0,26 |
| **GWP unit** | kg CO2e/kg |
| **Method for calculating the GWP value** | Generic |

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.