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LIME-CEMENT PLASTER HD KS 35/65 FIBRE



Product description

Fescon Lime-cement Plaster HD KS 35/65 is an air entrained, fibre-reinforced, lime cement based dry mortar with a low water absorption. Maximum grain size 3 mm (available to order in 1.2 mm grain size).
- Just add water
- Pumpable
- Extremely weather-resistant
- Breathable

Applications

- On-site insulation plastering
- Insulation plastering at the element factory
- Thick-layer plastering
- Adjusting plastering indoors and outdoors
- Thick frame fills

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

Instructions

Mixing

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. When using an automatic mixer, ensure that the amount of water does not get too high.

Work instructions

Apply the plaster with a plaster trowel or a pump. A suitable thickness for one layer is 15 mm. If the layer thickness exceeds 20 mm, the work must be done in several layers. Allow the previous layer to dry for one or two days before applying the next layer. In dry conditions, the base must be wetted before applying a new layer of plaster.

After treatment

Plastering must be protected with a plastic film or light spraying of water (the water must not flow) for at least one to three days. When the temperature is:
+20°C, protect the fresh plaster surface from rain and strong sunlight for one day
+10°C, protect the fresh plaster surface from rain for three days
+5°C, protect the fresh plaster surface from rain for seven days

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Other considerations

- For pumping render mortars and vertical joint concretes with a maximum aggregate size of 3 or 4 mm, it is recommended to use a sufficiently powerful rendering pump with a minimum power output of 5.5 kW and a stator size suitable for 7 or 8 mm aggregates. The use of automatic mixing pumps is not recommended, as the mixing time in automatic systems is too short. This may negatively affect the solubility of the mortar admixtures and the performance properties of the mortar.

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. 1.4 kg/1 mm layer
Water requirement	Approx. 4.5 l/25 kg
Finished compound	12 - 13 l / 25 kg
Type	Powder
Maximum grain size	3 mm (1.2 mm)
Package size	25 kg
Storage	Storage time in a dry location approx. 1 year
Density	1.5 kg/dm^3
Lowest usage temperature	+5°C
Workability time	1-3 h
Flexural bond strength	0.5 MPa
Reaction to fire	A1
Flow/plasticity	Plastering: approx. 170 mm Hägermann flow Masonry: approx. 170 mm Hägermann flow Grouting: approx. 120 mm Hägermann flow
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.