

Hämeenkatu 9
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REINFORCING MORTAR FVL



Product description

Reinforcing Mortar FVL is a polymer-modified, fibre-reinforced cement-based mortar with a maximum grain size of 0.6 mm.



- The reinforcing mortar for the Fescoterm thin-layer plastering systems' insulation panels.

Applications

- Additional thermal insulation of old residential, commercial and industrial buildings, and thermal insulation of new buildings
- For the levelling and two-layer plastering of lightweight aggregate block foundation walls and walls, and concrete surfaces and brick surfaces

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

Instructions

Base

The meshing can be started once the adhesive mortar has dried. After installation, the insulation panels must be undamaged and seamless with no edges standing out. The façade surface must be even, with no edges standing out. If necessary, level out any edges standing out, for example by grinding the insulation panel surface. Always grind the entire surface of EPS panels.

Mixing

Refer to the bag for how much water the plaster requires. Add the dry material into the water and mix with a power mixer or a drill paddle for around one to two minutes. 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 (in the container) for around two hours.

Work instructions

Use alkali-protected fibreglass mesh as the plastering mesh. Begin the meshing by installing pieces of fibreglass mesh and pre-shaped corner shield meshes in the corners of the door and window openings. Spread a layer of plaster around 3-4 mm thick over the insulation panel either with a plaster sprayer or manually. Sink the fibreglass mesh into the fresh plaster. The meshes must overlap each other by a minimum of 100 mm. Next, spread a second layer of plaster around 2-3 mm thick, and finish the surface. You can spread the second layer of plaster once the previous layer has dried, but not until the next day at the earliest. After levelling, the mesh is entirely covered by plaster and the surface is level. Avoid working in direct sunlight and in hot weather. However, the air and material temperatures must be above + 5°C

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After treatment

In dry conditions, the coated area must be given aftercare with water spraying for at least one to three days. Coating can be begun no earlier than two days after ending aftercare, in accordance with the coating manufacturer's instructions.

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	6 - 10 kg/m ² /layer
Water requirement	approx. 5.5 l/25 kg
Type	powder
Colour	grey
Maximum grain size	0.6 mm
Package size	25 kg
Storage	in a dry location approx. 1 year
Lowest usage temperature	+5°C
Shrinkage	0.2 %
Reaction to fire	A2

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.