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ADHESIVE MORTAR FLL



Product description

Adhesive Mortar FLL is a polymer-modified, cement-based mortar with a maximum grain size of 0.6 mm.

- The adhesive mortar for the Fescoterm thin-layer plastering systems' insulation panels
- Weather protection of thermal insulation on thin plaster elements, i.e. skimming

Applications

- Additional thermal insulation of old residential, commercial and industrial buildings, and thermal insulation of new buildings

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

Instructions

Base

Wash the old facade surface with a pressure washer to remove flaking paint and loose dirt. If necessary, remove flaking paint by scraping. Remove plastering that has come loose from its base and damaged concrete, and patch any cavities.

Mixing

Refer to the bag for how much water the plaster requires. Add the dry material to 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 for around four hours.

Work instructions

Apply adhesive plaster thoroughly to the insulation boards to be fastened using a toothed trowel. Then, press the boards into the base, tightly against each other. No plaster or gaps must remain in the joints. The joints of the insulation boards must be staggered, and there must be no joints that cross each other. Finally, secure the fastening of the insulation board to the base using fastening plugs made from polyethylene plastic. Use at least 4 plugs per m^2. The fastening plugs are installed at the corners of the insulation boards and evenly in their middles. After fastening, the facade surface must be level and the insulation boards undamaged.

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	4 - 5 kg/m^2/layer
Water requirement	6.0 - 6.5 l/25 kg
Finished compound	13 - 14 l / 25 kg bag
Type	Powder
Colour	Grey
Maximum grain size	0.6 mm
Package size	25 kg
Storage	In a dry location approx. 1 year
Usage temperature	-10°C...+25°C
Workability time	4 h
Adhesion strength	> 1,0 MPa (FP=B)
Heat conductivity	≤ 0,71 W/mK
GWP A1-A3	0,32
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.