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FILLING PLASTER TLR



Product description

The Fescon Filling Plaster TLR is a quickly hardening and drying filling plaster for interior wall surfaces and dry, humid and wet areas.

Applications

- Wall and ceiling surfaces in dry, humid and wet areas
- Suitable for straightening, conduit filling and patching of concrete, plaster, block surfaces, lightweight concrete, sand-lime bricks and burnt brick surfaces
- The finished surface is suitable for a tiling base, and it can be waterproofed with Fescon Waterproofing Compound
- On old paint surfaces, the Fescon Tile Adhesive Plaster is used as the adhesive plaster
- The filling plaster cannot be used for floor levelling, soft lime cement plastering or surfaces levelled with a water-soluble compound
- If necessary, can be overlaid with Fescon wall levellers

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

Instructions

Base

The surfaces must be solid, clean and dust-free. Carefully remove weak and loose material. Before applying the plaster, use water or Fescon Primer to wet dry and water-absorbent bases.

Mixing

Refer to the package for how much water the plaster requires. Add the dry material to water and mix with a drill paddle or other suitable mixing tool for around one to two minutes. The finished plaster remains workable for around 20-30 minutes.

Application of filling compound

The mortar is applied to the substrate using a steel trowel. When applying multiple mortar layers, the previous layer may be allowed to harden, or re-plastering can be carried out using the wet-on-wet method. If necessary, the dried surface is sanded after the application of each mortar layer.

Spreading the levelling compound

Spread the levelling compound on the base either with steel trowel. You can recover and reuse any extra compound. When applying several layers of the levelling compound, allow the previous layer to harden completely before applying the next layer. Depending on the conditions, the hardening will take one to two days. If necessary, the dried surface is ground after the application of each layer of levelling compound.

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Coating

Can be overlaid or waterproofed after around 24 hours.

After treatment

In dry conditions, wet the levelled surface with a water spray.

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	1 mm layer approx. 1.5 kg/m^2
Water requirement	Max. 3.8 l/20 kg
Type	Powder
Binder	Portland cement, aluminate cement, gypsum
Aggregate	Limestone powder and natural sand. Limestone powder contains small amounts of quartz, but the weight content of alveolar quartz is less than 1%, so the product is not classified as harmful in terms of quartz.
Colour	Grey
Maximum grain size	1.2 mm
Package size	20 kg
Storage	Storage time in a dry location approx. 1 year
Layer thickness	5 - 30 mm
Lowest usage temperature	+10°C
Workability time	20-30 min
Coatability	Can be overlaid or waterproofed after around 1 day from plastering. Relative humidity of the base < 85% RH
Hardening time	Approx. 1 day at +20°C, approx. 3 days at +10°C Drying time depends on layer thickness and the humidity in the drying area
Adhesion strength	≥ 0.5 MPa, (FP=B)
Heat resistance	0.66 W/(m·K) tabulated value
Water vapour permeability	μ 5/20 tabulated value
Waterproofness	Water-resistant
Emission class	Meets the requirements of emission class M1 for building materials
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.