

Hämeenkatu 9
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COARSE FLOOR LEVELLING COMPOUND LM 5000



Product description

Fescon Coarse floor levelling compound LM 5000 is a casein-free manually applied levelling compound with a special cement binder that hardens and dries rapidly.

- Manually levelled
- For layer thicknesses 5 - 80 mm
- Dries through hydration
- Casting of graded floors, and grading correction
- Thick layers of filler

Applications

- For levelling concrete floors and creating floor grading in flats, offices and public buildings
- In wet rooms, under the waterproofing
- Finished floor casting, floors with underfloor heating

Instructions

Base

- Clean, solid and dust-free
- Sufficient strength, load-bearing capacity and immobility
- Relative humidity < 95% RH
- Temperature > +10°C
- Loose layers, cement paste and other impurities must be mechanically removed

Priming

- Carry out the priming in accordance with the instructions of the Fescon Adhesive Primer, depending on the base
- When beginning the levelling work, there must be no puddles of primer

Instructions for use

- Mix a bag (20 kg) of the levelling compound in 2.8-3.2 litres of cold water
- Mix the levelling compound into a consistent paste using a drill paddle
- Apply the levelling compound with a steel trowel onto the levelled surface
- Workable for about half an hour after adding water
- Wash tools with water immediately after completing the work
- Remove dried levelling compound mechanically

Covering

- Can be covered using ceramic tiles, plastic or textile mats, vinyl tiles, wood parquet or cork



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- We do not recommend leaving the floor compound without coating

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. 1.8 kg/m ²
Water requirement	max. 2.4 - 2.7 l / 20 kg
Binder	special cement
Colour	gray
Maximum grain size	1.2 mm
Package size	20 kg
Storage	storage time in a dry location approx. 12 months
Usage temperature	+10°C...+25°C
Workability time	approx. 0.5 h
Drying time	approx. 1 day/10 mm (RH 50% + 20°C)
Walkable	approx. 3 h
Hardening time	approx. 1 day at +20°C
Strength class	C 20 (EN 13813)
Compressive strength	> 20 MPa (28 days, +20°C, RH 50%)
Adhesion strength	28 days > 1.2 MPa
Flexural bond strength	F5 (EN 13813)
Surface tensile strength	> 1,0 MPa (28 days, +20°C, RH 50 %)
Waterproofness	waterproof