

Latermix Facile



LIGHTWEIGHT MULTIPURPOSE INSULATING SCREED

FOR CREATING SLOPED SURFACES, BASE AND TOP SCREEDS, AND ROOF SCREEDS WITH A DIRECTLY BONDED TOP LAYER

Latermix Facile is a bagged pre-mixed lightweight insulating mortar screed of semi-dry "damp soil" consistency based on special Laterlite Plus hydrophobic expanded clay, and is ready for use after mixing with only water.

CHARACTERISTICS

Lightweight

It weighs approximately half as much as a traditional or flowing screed (approx. 1,000 Kg/m³ when laid). It reduces dead loading and is particularly suitable for reconstructing existing floors and roofs, or to prevent excessive loading in seismic zones.

Insulating characteristics

Because it is over 6 times more insulating than traditional or flowing screeds ($\lambda = 0.251$ W/mK) it improves the thermal resistance of floor and roof slabs and reduces thermal bridging. Its porosity improves acoustic insulation, including in association with specific resilient layers (see impact sound, P 21).

For interior and exterior use

It can be used in screeds and to create falls internally or externally, including for the application of "wet-on-wet" flooring. It is ideal for use on roofs, including sloping roofs, where its very smooth pore-free surface enables impermeable layers or paving to be directly applied.

Suitable for sloping surfaces and details

Thanks to its semi-dry "damp soil" consistency it can also be applied to sloping or uneven surfaces and can be shaped to create details, such as the falls in a screed for a wet room or shower.

Strong, stable, durable, and CE-marked

It has high compressive strength (9 MPa), is CE-marked to denote conformity to EN 13813 (screed materials and floor screeds), is dimensionally stable and non-deformable, and retains its properties unaltered over time.

Non-combustible and fire-resistant

This is a 100% mineral non-combustible product (Euroclass fire rating – A1) that is fire-resistant and safe, including in the presence of fire.

Suitable for sustainable construction

The use of natural raw materials in Latermix Facile, its manufacturing process, which respects the environment, and the absence of harmful emissions (even in the presence of fire), make it suitable for sustainable construction as certified by ANAB-ICEA, the Italian Accreditation Institute.

APPLICATIONS

- As a lightweight insulating screed to take a ceramic or stone floor finish
- As thermal insulation and for creating falls including on flat or pitched roofs (on which the impermeable layer can be laid directly).
- As a lightweight interlinking substrate on a floor slab (incorporating levelled service runs if required).



TECHNICAL CHARACTERISTICS

Apparent packed density (approx.)	800 kg/m ³	
In-place density (approx.)	1.000 kg/m ³	
Certified average compressive strength	9 N/mm ² (90 kg/cm ²)	
Certified thermal conductivity λ	0,251 W/mK	
Laying of ceramic or stone finishes	after 7 days	
Suggested thicknesses	Unbonded screed	≥ 5 cm
	Bonded screed	≥ 3,5 cm
	Floating screed	≥ 6 cm
Bags required per 1 m ² of floor area	0,38 bags per 10 mm depth	
CE marking	EN 13813 CA-C7-F3	

Package: bags each of 32 litres on non-returnable wooden pallets, 60 bags/pallet - 1,92 m³/pallet.

Storage life: 12 months from date of packaging.

For further information consult the Technical Data Sheet, the Safety Sheet, and our website at www.laterlite.com.