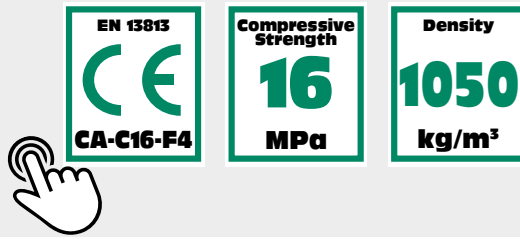


Latermix Forte



LIGHTWEIGHT, DRYING AND SHRINKAGE COMPENSATED, INSULATING SCREED

SUITABLE TO TAKE ALL TYPES OF ADHESIVE AND FLOATING FLOORING
INTERNAL USE

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

CHARACTERISTICS

For all types of flooring

Its special formulation gives controlled drying times for moisture-sensitive finishes, and permits any type of flooring to be applied.

Ideal for large surfaces

Its extremely low shrinkage enables large areas to be laid without joints (up to 100 m²).

Lightweight

It weighs approximately half as much as a traditional or flowing screed (approx. 1.050 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.

Strong, stable, durable, and CE-marked

It has high compressive strength (16 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.

Insulating characteristics

Because it is 6 times more insulating than traditional or flowing screeds ($\lambda = 0.258$ 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, Calestop: P 21).

Non-combustible and fire-resistant

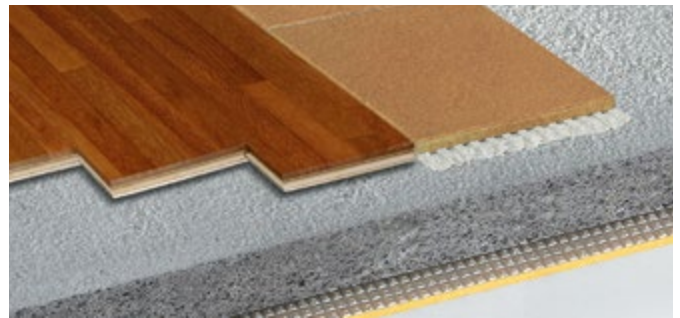
This is a 100% mineral non-combustible product (Euroclass fire rating – A1) that is fire-resistant and safe, including in the presence of fire.

Suitable for sustainable construction

Its use of natural raw materials, 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 all types of flooring, including moisture-sensitive finishes.
- As a lightweight insulating screed to cover large areas.
- For internal use only.



TECHNICAL CHARACTERISTICS

Apparent packed density (approx.)	850 kg/m ³	
In-place density (approx.)	1.050 kg/m ³	
Average compressive strength (EN 13813)	16 N/mm ² (160 kg/cm ²)	
Thermal conductivity λ	0,258 W/mK	
Laying of ceramic or stone finishes	after 7 days	
Laying of moisture sensitive finishes (3% RH)	after 35 days (th. 5 cm)	
Suggested thicknesses	Unbonded screed	≥ 5 cm
	Bonded screed	≥ 3,5 cm
	Floating screed	≥ 6 cm
Maximum area to be laid without joints	100 m ²	
Bags required per 1m ² of floor area	0,38 bags per 10 mm depth	
CE marking	EN 13813 CA-C16-F4	
Package: bags each of 32 litres on non-returnable wooden pallets, 60 bags/pallet - 1,92 m ³ /pallet.		
Storage life: 12 months from date of packaging.		

Refer to the Technical Data Sheet and the Safety Information Sheet.

