



BRIGLIADORI
FORNACE CALCE



EDILIZIA, RESTAURO & COSTRUZIONI

THERMAL FINISHING PLASTER

CE 14
EN 998-1

Product code 102

Mortar plaster thin layer for internal and external for general uses (GP)

DESCRIPTION AND USES

THERMAL FINISHING PLASTER is a thin-layer finishing plaster based on our own **Natural hydraulic lime NHL5** (certified to EN 459-1 standard), carbonate sands, lightened aggregates and specific additives that improve workability and adhesion.

It is indicated for interior finishes because, by raising the wall temperature by 3-6°C depending on the thickness applied, it strongly improves the hygrometric regulation of the environment, avoiding the formation of mould and ensuring energy saving thanks to its high insulating power.

TECHNICAL PROPERTIES

Colour	: light brown
Grain size range	: 0-0,6 mm
Mixing water	: about 42%
Theoretical yield	: about 0,7 kg/m ² of thickness
Recommended thickness	: 4-6 mm
Bulk density	: 700 kg/m ³
Compressive strength (class)	: CS I
Adhesion (N/mm ²)	: ≥ 0,15 FP:B
Capillary absorption (class)	: W0
Water vapour diffusion coefficient (μ)	: >10
Thermal conductivity (λ)	: 0,12 W/m·K
Fire reaction (class)	: A1
pH	: > 12
Packaging	: 15 kg bag

APPLICATION

Supports must be solid, free of oil, grease, release agents or anything else that may affect bonding.

Old paints, if inconsistent, must be removed; if they are well bonded, consolidate with a suitable water-based primer.

On rough plasters or unpainted stabilisers, wet the support adequately and wait until there is no water film before applying **THERMAL FINISHING PLASTER**.

THERMAL FINISHING PLASTER should be mixed with a mechanical mixer at low speed for 3-4 minutes max with approx. 6-6.5 litres of clean water per 15 kg bag. Let the mixture rest for 7-8 minutes and remix shortly.

Apply the first layer with a 5 mm notched trowel. After at least 24 hours apply a second layer with a metal trowel, filling the channels left by the notched trowel to level the layer. Wait another 24 hours before proceeding. Any imperfections are easily removed with a light abrasive trowel.

Apply the next layer with Final Finishing BM4 using a metal trowel, in 1 or 2 coats, wet on wet, waiting at least two hours between the first and second coats.

Avoid application at temperatures below + 5°C and above + 35°C. Avoid application on very hot and windy days.

CONDITIONS FOR A SAFE STORAGE

Keep covered and dry. Protect against moisture. Dispose of according to local regulations.

Storage: 12 months in unopened original packaging in a covered and dry place.

Product complies with Annex II of REACH - Regulation 2015/830.

Refer to Safety Data Sheet (SDS) for information on possible hazards. Product for professional use.

The use of the product must be based on the applicator's own research and evaluation.

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