



BRIGLIADORI
FORNACE CALCE



EDILIZIA, RESTAURO & COSTRUZIONI

READY TO USE MORTAR BM2 FOR HAND APPLICATION

CE 11
EN 998-1

Product code 42
Mortar plaster for internal and external for general purposes (GP)

DESCRIPTION AND USES

READY TO USE MORTAR BM2 FOR HAND APPLICATION is a mortar based on **Natural Hydraulic Lime NHL5** (of our production certified according to EN 459-1), selected carbonate sands, natural pozzolana and workability regulators.

It is specifically formulated for the execution of internal and external breathable plasters of brick, tuff, stone, brick and mixed masonry. Due to its high transpirability **READY TO USE MORTAR BM2 FOR HAND APPLICATION** is indicated in the restoration, renovation and green building.

TECHNICAL PROPERTIES

Colour	: light brown
Grain size range	: 0-3 mm
Mixing water	: approx. 17%
Theoretical yield	: 16 kg/m ² /cm depending on the surface
Bulk density	: 1,85 kg/dm ³
Compressive strength (class)	: CS II
Drill mixing time	: 2-3 minutes
Concrete mixing time	: 3-5 minutes
Fire reaction (class)	: A1
Water absorption (class)	: W0
Water vapour diffusion coefficient (μ)	: >5<20
Adhesion	: ≥ 0,2 N/mm ² FP:B
Thermal conductivity (λ)	: 0,83 W/m·K
pH	: > 12
Packaging	: 25 kg bag

APPLICATION

READY TO USE MORTAR BM2 FOR HAND APPLICATION must always be applied on previously moistened, clean and non-friable substrates in order to favour adhesion and the correct setting process. Irregularities in the substrate exceeding 2 cm must be prepared at least 2 days in advance.

Mix the mortar in a concrete mixer for about 5 minutes or with a drill mixer at low speed for about 3 minutes with 4,5/5 litres of clean water per 25 kg bag of product until a homogeneous, lump-free mixture is obtained. Then proceed for thicknesses of 1-2 cm per layer after moistening the previous ones.

It is always good practice in the construction of plasters to apply an initial layer and allow it to dry.

If traditional banding is carried out, it is advisable to do it exclusively with the manual **READY TO USE MORTAR BM2**.

Do not apply on gypsum, painted or crumbling substrates and mixed substrates without adequate prior preparation (mesh, undercoat, etc.) to prevent possible cracking phenomena.

Avoid application at temperatures below +5°C and above +35°C. Protect surfaces from direct sun and wind. Protect the curing process by moistening the hardened product in the first 24 hours.

As the plaster is extremely porous and breathable, it must be finished with materials with similar proven breathability characteristics.

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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