



BRIGLIADORI
FORNACE CALCE



EDILIZIA, RESTAURO & COSTRUZIONI

READY TO USE PLASTER BM FOR SPRAY APPLICATION

CE 11
EN 998-1

Product code 34
Mortar plaster for internal and external for general purposes (GP)

DESCRIPTION AND USES

READY TO USE PLASTER BM FOR SPRAY APPLICATION is a fibred sprayable mortar based of **Natural Hydraulic Lime NHL5** of our production (certified according to EN 459-1), selected carbonate sands, natural pozzolana and workability regulators. It is a ready-to-use mortar for machine application with continuous plastering machines type PFT G4. 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 FOR SPRAY APPLICATION** is indicated in the restoration, renovation and green building.

TECHNICAL PROPERTIES

Colour	: light brown
Grain size range	: 0-1,2 mm
Mixing water	: approx. 23%
Theoretical yield	: 14 kg/m ² /cm depending on the support
Bulk density	: 1,7 kg/dm ³
Mixture pot life	: 2 hours
Working time	: 35 minutes
Stop machine time	: < 35 minutes
Second coat time	: > 6 hours
Fire reaction (class)	: A1
Adhesion	: ≥ 0,2 N/mm ² FP:B
Capillary absorption (class)	: W0
Water vapour diffusion coefficient (μ)	: >5<20
Thermal conductivity (λ)	: 0,76 W/m·K
pH	: > 12
Time for finishing	: min. 14 days
Time for coloured finishing	: min. 25 days
Compressive strength (class)	: CS II
Packaging	: 25 kg bag

APPLICATION

READY TO USE PLASTER BM FOR SPRAY APPLICATION must always be applied on previously moistened, clean and non-friable substrates in order to favour adhesion and the correct setting process.

If traditional banding is carried out, it is advisable to do it exclusively with the manual **READY TO USE PLASTER BM FOR SPRAY APPLICATION**. Irregularities in the substrate exceeding 2 cm must be prepared at least 2 days in advance. The thickness should be between 1 - 1.5 cm per layer. Wait a few minutes before staining. After at least 5-6 hours, when the product has hardened, rework the surface and square off corners and edges.

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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