



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 sprayable mortar made of **Natural Hydraulic Lime NHL 5** of our production (certified according to EN 459-1), selected carbonate sands, natural pozzolana and workability regulators.

It is specially formulated for restoration plasters on internal and external masonry, brick, tuff, stone, and mix. Due to its high transpirability **READY TO USE PLASTER BM FOR SPRAY APPLICATION** is indicated in the restoration, renovation and green building.

TECHNICAL PROPERTIES

Colour	: light brown
Aggregates size	: 0-1,5 mm
Mixing water	: about 23%
Consumption	: 14 kg/m ² /cm of thickness depending on the support
Mixed density	: 1,7 kg/dm ³
Mixture pot life	: 2 hours
Workability time	: 35 minutes
Stop machine time	: < 35 minutes
Second coat time	: > 6 hours
Fire resistance (class)	: A1
Adherence	: $\geq 0,2 \text{ N/mm}^2$ FP:B
Water absorption (class)	: W0
Water vapour diffusion coefficient (μ)	: $>5 < 20$
Thermal conductivity	: $\lambda = 0,76 \text{ W/m}\cdot\text{K}$
pH	: > 12
Compression resistance (class)	: CS II
Packaging	: 25 kg bag

APPLICATION

READY TO USE PLASTER BM FOR SPRAY APPLICATION must always be applied on moistened surfaces, clean and solid in order to help adherence and the correct drying process.

To do the traditional strips it is recommended to use only **READY TO USE PLASTER BM FOR SPRAY APPLICATION**.

The inhomogeneities greater than 2 cm must be prepared at least 2 days before.

The thickness should be between 1 to 1.5 cm per coat. Wait a few minutes before smoothing.

Apply the next coat and square angles and edges after at least 5-6 hours, when the product has hardened.

Do not apply on gypsum, painted or not solid surfaces and on mixed ones without an indicated preparation (network, consolidating, etc ...) in order to prevent cracking phenomena.

Avoid application at temperatures below +5°C and above +30°C.

Protect surfaces from direct sunlight and wind.

Take care of drying moistening the hardened product during the first 24 hours.

This is a porous and breathable plaster and should be finished with materials with similar breathability characteristics.

CONDITIONS FOR A SAFE STORAGE

Store the product in a dry place and indoors. Avoid humidity. Waste treatment according to local law.

Storage: up to 12 months in its original and closed packaging in a dry place and indoors.

Product according to Annex II of REACH - Regulation 2015/830.

For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet. Product for professional use. The product use must be based on researches and evaluation of the worker.

Date review January 2021