



# BRIGLIADORI

## FORNACE CALCE



EDILIZIA, RESTAURO & COSTRUZIONI

### READY TO USE MORTAR BM14

CE 14  
EN 998-1

**Product code 14**  
**Mortar plaster for internal and external for general purposes (GP)**

#### DESCRIPTION AND USES

**READY TO USE MORTAR BM14** is a ready to use mortar based on **Natural Hydraulic Lime NHL5** of our production (certified according to EN 459-1), pozzolan, selected siliceous sands and bentonite.

It is suitable for use:

- **1 cm** thick: to waterproof interior and exterior basement rooms subject to water infiltration
- **3-5 mm** thick: as preparation of wall substrates before applying Dehumidifying Mortar/F when it is not possible to respect the recommended 2 cm of application.

#### TECHNICAL PROPERTIES

Colour	: light brown
Grain size range	: 0-1,2 mm
Mixing water	: approx. 20-22%
Theoretical yield	: 18 kg/m <sup>2</sup> /cm
Fire reaction (class)	: A1
Adhesion	: $\geq 0,8$ N/mm <sup>2</sup> FP:B
Capillary absorption (class)	: W2
Compressive strength (class)	: CS IV
Bulk density	: 1,33 kg/dm <sup>3</sup>
Water vapour diffusion coefficient ( $\mu$ )	: $>5 < 35$
Thermal conductivity ( $\lambda$ )	: 0,83 W/m·K
pH	: $> 12$
Packaging	: 25 kg bag

#### APPLICATION

**READY TO USE MORTAR BM14** must always be applied on stable and resistant substrates, without fissures and free of evident water infiltration.

Supports previously treated with paints, resins, gypsum or bituminous products must be totally cleaned.

If the substrates are dry, wet the surfaces to be treated.

Mix the mortar in a concrete mixer for 5-6 minutes or with a drill mixer at low speed with 5 – 5,5 litres of clean water per 25 kg bag of product until a homogeneous, lump-free mixture is obtained. Wait at least 5 minutes.

**For waterproofing:** apply a first 5 mm layer, taking care to compress it with the trowel trowel or a level to adhere well to the surface. When it begins to dry, apply a second 5 mm layer, even it out and as soon as it is ready, trowel it on.

**To prepare substrates for successive applications of Dehumidifying Mortar/F:** apply with trowel and level to a maximum thickness of 5 mm without smoothing and, as soon as it tends to dry, plaster.

Important: minimum application thickness 3 mm.

It is always recommended to apply lightened lime refurbishing mortars over **READY TO USE MORTAR BM14** in order to avoid condensation phenomena.

**Plastering must be carried out the day after and within 48 hours of the application of READY TO USE MORTAR BM14.**

Do not apply in direct sunlight. The product must be applied at temperatures above +5°C and below +35°C.

#### 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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