



BRIGLIADORI
FORNACE CALCE



EDILIZIA, RESTAURO & COSTRUZIONI

ANCIENT JOINTING MORTAR/NP



Product code 46/NP
Masonry Mortar (M10) with Guaranteed Performance for General Purposes

DESCRIPTION AND USES

ANCIENT JOINTING MORTAR/NP (class M10) is a ready to use water-resistant mortar based on **Natural Hydraulic Lime NHL5** of our production (certified according to EN 459-1) and selected sands.

It is suitable for closing joints between stones, bricks, and tuff, for the restoration of old buildings of historical interest, country houses, etc. Non-resined product.

TECHNICAL PROPERTIES

Colour	: light brown
Grain size range	: 0-1,2 mm
Yield	: - brick filling 8-10 kg/sqm/1.5 cm thickness - stone filling 10-12 kg/sqm/1.5 cm thickness - for bedding: 1 kg per brick
Mixing water	: approx. 20-22%
Compressive strength (class)	: M10
Capillary absorption	: < 0,1 kg/m ² ·min ^{0,5}
Water vapour diffusion coefficient (μ)	: >15<35
Thermal conductivity	: λ = 0,70 W/m·K
Adhesion (N/mm ²)	: ≥ 0,15
Hardened bulk density	: 1700 ÷ 1900 kg/m ³
pH	: > 12
Chlorides content	: < 0,1%
Drill mixing time	: 3 minutes
Concrete machine mixing time	: 5 minutes
Working time	: 30 minutes
Fire reaction (class)	: A1
Packaging	: 25 kg bag

APPLICATION

Remove inconsistent and crumbling parts, oils, gypsum or anything else that may compromise adhesion.

Wet or moisten the substrate adequately.

Mix the mortar in a concrete mixer or with a drill mixer at low speed until a homogeneous, lump-free mortar is obtained.

Apply the mortar in the joints using a trowel, spatula or machine, taking care to ensure that the mortar adheres well to the substrate. At the end of the plastic phase, go over the joints with the special iron for filling, wait about 2 hours and brush with an iron brush to bring out the grain.

Once cured, remove any traces of residual mortar with a suitable brush.

Never apply on frozen substrates or with risk of frost in the following 24 hours.

Protect the masonry from rain for the first 48 hours.

Avoid application at temperatures below +5°C and above +35°C.

UPON REQUEST, ANCIENT JOINTING MORTAR/NP CAN BE PIGMENTED WITH NATURAL PIGMENTS

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.

Date review March 2025