



BRIGLIADORI
FORNACE CALCE



EDILIZIA, RESTAURO & COSTRUZIONI

ANCIENT JOINTING MORTAR/N

CE 11
EN 998-1

Product code 46/N

Prescribed composition mortar plaster for general purposes (GP)

DESCRIPTION AND USES

ANCIENT JOINTING MORTAR/N is a ready to use waterproofed mortar made of **Natural Hydraulic Lime NHL 5** of our production (certified according to EN 459-1) and selected sands.

It is specially formulated for walls joints, brick grouting, stones and tuff, old building restoration of historical interest, country houses, etc. No resin product.

TECHNICAL PROPERTIES

Colour	: light brown
Aggregates size	: 0-1,5 mm
Mixing water	: about 20%
Drill mixing time	: 3 minutes
Concrete machine mixing time	: 5 minutes
Compression resistance (class)	: M5
Fire resistance (class)	: A1
Water absorption (kg/m ² ·min ^{0,5})	: < 0,1
Water vapour diffusion coefficient (μ)	: >5<20
Thermal conductivity	: λ = 0,7 W/m·K
Rate ingredients in bulk	: natural hydraulic lime 27% Aggregates 73%
Durability	: NPD
Chlorure content	: ≤ 0,1% Cl
Adherence	: ≥ 0,2 N/mm ² FP:B
Hardened product density	: 1,6 ÷ 1,8 kg/dm ³
Mixed density	: 1,7 kg/dm ³
Workability time	: < 30 minutes
pH	: > 12
Packaging	: 25 kg bag

APPLICATION

Remove not solid parts, oils, gypsum or anything else that could affect the adherence into the joint.

Wet or moisten properly the surface.

Mix the mortar in a concrete mixer or with a drill in order to obtain a homogeneous mortar free of lumps.

Apply the mortar into the joints using a trowel, spatula or machine taking care to adhere well the mortar to the surface.

At the end of the plastic phase rework the joints with the appropriate iron tool for pointing, wait about 2 hours and brush with an iron brush to discover the aggregates.

When the mortar is dry remove any mortar residue with an appropriate brush.

Never apply on frozen surfaces or with frost risk in the next 24 hours.

Protect the masonry from rain for the first 48 hours.

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

ANCIENT JOINTING MORTAR/N CAN BE COLORED WITH NATURAL POWDER ON REQUEST

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