



la scelta giusta
per grandi progetti.

SCHEDA TECNICA



MP 200 BIO Exposed

WATERPROOFED AND
COLOURED, THIN-BED NHL 3.5
NATURAL HYDRAULIC LIME
MORTAR FOR BEDDING



PRODUCT

Ready-mixed, ecofriendly and breathable, NHL 3.5 natural hydraulic lime powder mortar, compliant with EN 459-1 standard. In a thin bed, for indoor and outdoor use.

CHARACTERISTICS

Easy, fast and cheap to use, it does not require the retrieval of the aggregates.

It has excellent breathability and long working time.

Available in 12 basic, soft, velvety colors reflecting the traditional colors of lime paints and natural lands.

APPLICATION FIELDS

Elevation and sealing of interior and exterior masonry with exposed brick.

SUBSTRATES

Natural stones, bricks, tuff, new thermal bricks.

CONSUMPTION

- As masonry mortar: 1500-1600 kg/mc.
- As exposed mortar: according to substrate.

PACKAGING

25 kg bags on pallets of 1500 kg.

STORAGE

12 months in a dry place in its original packaging.

ITEM SPECIFICATIONS

The elevation and the sealing of exposed masonries in natural stones, bricks, new thermo bricks, inside and outside, must be made with a ready waterproofed mortar, mixed with water, such as MP 200 BIO Exposed by Edilcol Italia, in class M5.



Cert. n. 27395-2008-AQ-ITA



Cert. n. 1982-CPR-059/471



Polizza n. 70023

PREPARATION

- Make sure that the bricks to be assembled are clean and free of dust
- Mix a bag of MP 200 BIO Exposed with about 4,0 - 5,0 liters of water either manually or with a mixer at a low numbers of turns, until obtaining a homogeneous and plastic mixture.

APPLICATION

- After verifying the weights and the alignments, apply the product manually with a maximum thickness of 2 cm.
- After the plastic phase, review the joints with a special iron.
- Once hardened, remove the excess of grout then, after about 20 days, to complete curing, remove any residue or stains with detergent RM 40 acid.

RECOMMENDATIONS

Keep clean the masonry as much as possible during the application.

In warm periods it is recommended to slightly wet the bricks and the blocks before their laying. Avoid the outdoor application in very windy days, on substrates during frozen or thawing phase, with frost risk in the next 24 hours and at temperatures below +5 ° C to +35 ° C.

Protect from rain during the first 48 hours.

For a greater color uniformity avoid to split excessively the application with different materials and installation conditions.

Although the details contained in this product report correspond to the best of our current experience, all the above information must be confirmed after practical applications. Anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of product. The values given in the technical data derived from tests conducted in laboratory, in a controlled environment, so they may be greatly modified by the conditions of installation.

DATI TECNICI

Rev. 03 - 02/2016

Appearance:	Hazelnut, white, coloured powder	
Composition:	Natural hydraulic lime NHL 3.5, selected aggregates, additives	
Granulometry:	≤ 1,5 mm	
Application temperature:	+ 5°C / + 35°C	
Mixing water:	≈ 19 %	
Consistence of fresh mortar:	≈ 167 mm	(EN 1015-3)
Density of fresh mortar:	≈ 1,7 Kg/l	(EN 1015-6)
Density of dried mortar:	≈ 1,5 Kg/l	(EN 1015-10)
Pot life:	≈ 2 hours	
Mortar application:	manual	
Mortar thickness:	5 - 20 mm	
Yield:	≈ 1,6 Kg/l	
Chloride ion content:	≤ 0,01%	(EN 1015-17)
Compressive strength (after 28 days):	≥ 5 N/sqmm - Category M5	(EN 1015-11)
Flexural strength (after 28 days):	≥ 1 N/sqmm	(EN 1015-11)
Initial shear strength:	≥ 0,3 N/sqmm	(EN 1052-3)
Water absorption by capillarity:	≈ 0,4 Kg/(sqm min ^{0,5})	(EN 1015-18)
Permeability to water vapor μ:	5/20 (tabulated value)	(EN 1745)
Thermal Conductivity (λ _{10,dry}):	0,47 (tabulated value)	(EN 1745)
Reaction to fire:	Class A1	(EN 13501)
Contribution to smoking:	none	
Hazard classification:	none	(EC 99/45)