



la scelta giusta
per grandi progetti.

SCHEDA TECNICA



MP 200 BIO

CEMENT-BASED, 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.

APPLICATION FIELDS

Elevation of interior and exterior masonry.

SUBSTRATES

Natural stones, bricks, tuff, new thermal bricks.

CONSUMPTION

1600 kg/mc.

PACKAGING

25 kg bags on pallets of 1500 kg.

STORAGE

12 months in a dry place in its original packaging.

ITEM SPECIFICATIONS

The interior and exterior elevation of masonries in natural stones, bricks, new thermal bricks, must be carried out with specific ready-mixed mortar, mixed with water, such as MP 200 BIO 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 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

- Apply the product manually after checking weights and alignments.
- Once hardened, remove the excess of grout.

RECOMMENDATIONS

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

In warm periods it is recommended to slightly wet bricks and 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.

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 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:	≈ 170 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)
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)