



WHITE PROJECTION
WATERPROOF MORTAR FOR
SPRAYING

MABH



Description

Fine MABH is a white cement-based, water-repellent plastering mortar with additives and mineral fillers, ready to mix with Water. Specially formulated to protect and decorate the walls indoors outdoors in turn allowing the perspiration of the supports. Its special formulation composed of Ecocement, selected fillers, nano additives and VOC-free resins, make it a coating that is as exclusive as it is sustainable.

Uses and fields of application

Fit as coating waterproof, protective and decorative termination. It can also be used as a base or support for exterior walls on which the application of any compatible coating is allowed, which protects the exterior wall from atmospheric agents. Suitable for manual or machine use on concrete blocks (solid or hollow), ceramic blocks (solid or hollow), traditional cement-sand mortars, cellular cements (autoclave) and expanded clay mortars.

Properties

Making beautiful white finishes.
Indoor and outdoor application. Waterproof coating.
Permeable to water vapor, allowing the support to breathe.

Excellent adherence and great plasticity. Plastered directly on brick. Thicknesses of up to 1cm without hanging. Smoothed, smooth or burnished finish.

Precautions and recommendations

- It must be applied between 5° C and 30° C.
- Avoid applying it at low temperatures.
- On overheated or highly absorbent walls, wet them previously.
- Do not apply in dry winds.
- Do not apply when there is a risk of heavy rain.
- Do not apply on plaster or paint.
- The addition water must be respected.
- Supports must be clean of dust, grease, old paint and correct any blistered chips.
- In the formwork block, avoid all remnants of release agent by washing them and cleaning the dust.
- It should not be applied on horizontal surfaces where the water can remain stagnant, nor on sloped surfaces equal to or less than 45° and exposed to direct rain.
- It should not be applied starting from the ground to avoid humidity rises due to capillary action. It is advisable to apply a boot skirting.
- On smooth concrete surfaces, apply an Agma CH primer (see Technical Data Sheet), prior to mortar.

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Consumption

Approximately 1.4 kg of powder per m² and mm of thickness.

Presentation

It comes in 25kg bags.
Pallet of 50 units. Total 1250 kg.



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APPLICATION RULES

Interior and exterior supports

- Concrete blocks (solid or hollow),
- Ceramic blocks (solid or hollow),
- Traditional cement-sand mortars,
- Cellular cements (autoclave),
- Expanded clay mortars,
- Other supports (consult).

Preparation of the support

- The supports, both ceramic, concrete and mortar plastering, must be flat, stable and resistant.
- Remove all traces of dirt, dust and remnants of release agents, organic products, etc.
- In singular points where there is a risk of cracking, arm the mortar with PAVINET fiberglass mesh.
- In strong heat and dry wind, pre-moisten the substrate and wet the applied mortar after 24 hours.
- On highly absorbent substrates, pre-moisten the substrate (without saturating it), and if necessary apply Agma CH (see Technical Data Sheet), as an adherent bridge and absorption regulator.
- On slightly porous substrates, apply a Displex Bridge primer (see Technical Data Sheet) or improve roughness by mechanical means.
- Do not apply on plaster or paint.



Moisten support

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APPLICATION RULES

Product preparation

Add ± 5.75 l per 25 kg bag ($\pm 23\%$) of water and mix manually or mechanically until achieving a homogeneous, lump-free and workable consistency.

Application

Extend the product manually with a metal trowel or mechanically with a spraying machine, leaving a maximum thickness of 10 mm per layer up to a maximum application of 20 mm, and adjust it to regulate the thickness and smooth the surface. If working in two coats, apply fresh on fresh or leave 6 to 12 hours in the application between coats. Once the product has lost a large part of water (after approximately 5-6 hours depending on thickness and drying conditions), and has begun to take on consistency, rub the surface with a fratás.

Work meetings

- The structural joints (expansion joints) of the building must be respected.
- The cutting on site (joints) must be carried out according to the surface that the workforce can master without interruptions, eliminating unnecessary joints (approx. 15 m²), and obtaining good finishes.
- The recommended distances between joints are:
 - Vertical strip (joint) between two horizontal scales, approx. 2.2 m.
 - Horizontal strip between two vertical scales, approx. 7 m.
- Placement of Baretas:
 - 1) Spread the product on a 5 cm band. wide, with a thickness of 10 mm.
 - 2) When the pasta is tender, the baretas are introduced.
 - 3) Once the work is finished, the scales are removed.



MABH mix



MABH application



MABH tiling

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TECHNICAL DATA characteristic values

Product identification data

Apparent density in powder:	1,3± 0,2g/cm ³
Apparent density in paste:	1,7 ± 0,2 g/ cm ³
PH:	12,0 ± 0,5
Solid residue:	100%
Appearance:	fine powder
Color:	white
Presentation:	bags of 25 kg
Tariff heading:	38.16.00.00

Application data

Mixing water:	± 23%
Minimum thickness:	10 mm
Performance:	1,4 kg of powder per m ² and mm of thickness
Application temperature:	+5° C y +30° C
Workability time:	60 min
Setting time:	60 min
Working range:	6-8h indoors and outdoors

Benefits

Compressive strength (EN 998-1: 2010), 28 days: CS III

Adherence: ≥ 0.3 MPa

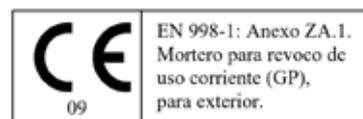
Water vapor permeability: W2

Capillary absorption and water permeability: ≤μ15

Thermal conductivity: 0.67 W / m · K (P = 50%)

Reaction to fire: Class A1

Apparent density: 1.6 ± 0.1 g / cm³ Hardened (test after 28 days)



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SAFETY AND HYGIENE INFORMATION

It is not classified as dangerous according to current regulations on mixtures. For any information regarding safety issues in the use, handling, storage and disposal of chemical residues, users should consult the most recent version of the Product Safety Sheet.

Empty containers must be disposed of in accordance with current legal regulations.

STORAGE CONDITIONS

The life time of the material is 12 months from the date of manufacture provided it is kept in a dry place and protected from the weather.

NOTE: The instructions for use are made according to our tests and knowledge and are not binding. They do not free the consumer from the examination and verification of the products for their correct use. The company's liability will be limited to the value of the merchandise used.

Descriptive memory

White mortar for water-repellent plastering based on white cement, additives and mineral fillers, ready to mix with water, applied directly to a concrete or ceramic MABH support from Ecolanic. Specially formulated to waterproof, protect and decorate the interior / exterior walls, in turn allowing the perspiration of the supports. Extend the product manually with a metal trowel or mechanically with a spraying machine, leaving a maximum thickness of 10 mm per layer up to a maximum application of 20 mm.

The product must meet the following requirements:

Compressive strength (EN 998-1: 2010), 28 days: CS III

Adherence: ≥ 0.3 MPa

Water vapor permeability: W2

Capillary absorption and water permeability: $\leq \mu 15$

Thermal conductivity: $0.67 \text{ W / m} \cdot \text{K}$ (P = 50%)

Reaction to fire: Class A1

Apparent density: $1.6 \pm 0.1 \text{ g / cm}^3$ Hardened (test after 28 days)