

MasterEmaco® N 310 FC

Mortar / Monolayer coating, for decorating and waterproofing facades. Sprayable and trowable mortar. Impermeable to rainwater and permeable to water vapor. Ruffy texture.

DESCRIPTION

MasterEmaco® N 310 is a single-layer coating, for decorating and waterproofing facades. Manual or mechanical application directly on the brick. Impermeable to rainwater and permeable to water vapor. Decorative brushed finish with brown toasted texture.

ADVANTAGES

- Direct use on the wall without the need to brush,
- Indoor and outdoor use,
- Waterproof coating,
- Permeable to water vapor,
- No risk of crazing,
- Weather resistant.

CHARACTERISTICS

Aspect	Powder
Color	White (Off White)
Volume mass	Approx. 1950 Kg / m ³
Compressive strength at 25 ° C at 28 days	>35 N / mm ²
Tensile strength at 28 Days	1.6N / mm ²
Granulometry	0.6- 2 mm

VOLUME YIELD

A 30kg bag of MasterEmaco® N 310 mixed with 4.8 liters of water makes approximately 18 liters of mortar

WATER DOSAGE

The water dosage for trowel or spray application is 4.8 to 5.4 liters per 30 kg bag, respectively.

MANUAL

Preparation of the support

- Conventional cement supports and brickwork.
- The substrates must be resistant, stable, clean and free of dust, remains of release agent, organic products, etc.
- Under hot and windy conditions or in the case of very absorbent substrates, the substrate should be moistened and then wait until there is no water film left.
- In certain areas (interstices between different materials, slabs, pillars, shutter cages, right angles of doors and windows, etc.) the mortar must be reinforced with fiberglass mesh to avoid cracks.

On low porous substrates, apply a primer or improve the roughness of the substrate mechanically.

ANUAL APPLICATION:

Add water and mix manually or mechanically until a smooth and workable consistency is obtained. Spread the mixed product on the support using a trowel. The dough is spread with a thickness of between 15 to 20 mm, after marking on the work of the flows by means of PVC strips.

It is recommended to apply a first layer of 2 to 3 mm well compact to seal the support.

MECHANICAL APPLICATION

Establish, according to the chosen machine (thickness and length of handle) and according to the external climatic conditions, the optimum water / MORTAR ratio. Start with 16% and modify the dose gradually until the consistency is adequate.

It is important to keep the variables that can affect the characteristics of the mortar (distance from the wall, angle of use and quantity of water).

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STORAGE CONDITION

The MasterEmaco® N 310 product should be stored in a dry place away from moisture and frost, in its original, well-closed packaging.

Avoid excessive packing of the bags. Do not stack more than 10 bags.

PRECAUTIONS FOR USE

Like all products containing Portland cement, the MasterEmaco® N 310 can cause irritation. Avoid the contact with eyes and prolonged contact with skin.

In case of contact with eyes, rinse with plenty of water for at least 15 minutes and consult a doctor. In

in case of contact with the skin, rinse thoroughly with water

current. If the product is accidentally ingested consult a doctor immediately. Refer to the sheet safety data for more information

NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local Master Builders Solutions representative.

Master Builders Solutions reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY AND CARE

All Master Builders Solutions Products are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health and safety standards of ISO 9001 and Master Builders Solutions ESHQ recommendations.

* Properties listed are based on laboratory controlled tests.

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CONTACT

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Disclaimer:

In view of widely varying site conditions and fields of application of our products, this technical data sheet is meant to provide general application guidelines only. This information is based on our present knowledge and experience. The customer is not released from the obligation to conduct careful testing of suitability and possible application for the intended use. The customer is obliged to contact the technical help-line for fields of application not expressly stated in the technical data sheet under "Fields of Application". Use of the product beyond the fields of application as stated in the technical data sheet without previous consultation with Master Builders Solutions and possible resulting damages are in the sole responsibility of the customer.

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