

MasterEmaco[®] N 320 Grey

Coarse/rough-textured Gray Plastering Mortar (20 mm thick), Sprayable and trowable mortar

DESCRIPTION

- Product based on high strength cement, sieved aggregates and other additives
- Thick gray coating mortar. Dry mortar for interior and exterior smoothing. Manual and intended use. Realization of plasters. Maximum thickness of 2 cm without unhooking. Smooth or rough finish.

TYPICAL APPLICATIONS

- Realization of gray finishes,
- Indoor / Outdoor use
- Outdoor use provided you add a waterproof finish
- Excellent adhesion and high plasticity
- Thicknesses up to 2 cm without loosening
- Smooth or rough finish

ADVANTAGES

- Shrinkage compensated mortar - reduces the risk of cracking and ensures permanent contact with the concrete for continuous load transmission in the case of restructuring work
- Good adhesion without bonding primer
- Spray-on - for rapid application in large quantities
- Waterproof: allowing the product to effectively resist the action of sulphates and aggressive water.

CHARACTERISTICS

Aspect	Powder
Color	Grey
Volumetric mass	Approx. 1850 Kg / m ³
Adhesion	≥ 0.3 N / mm ²
Tensile Strength at 28 days	1.6N / mm ²
Granulometry	0.6- 1.6mm

VOLUME YIELD

A 30 kg bag of MasterEmaco N 320 Grey mixed with 4.6 liters of water makes approximately 17.7 liters of mortar.

WATER DOSAGE

The water dosage for trowel or spray application is respectively 4.5 to 5 liters per 30kg bag

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 film of water left.

On low porous substrates, apply a primer or improve the roughness of the substrate by mechanical means.

Do not apply on plasters or paints.

APPLICATIONS:

MECHANICAL APPLICATION

Utilize an appropriate plastering machine, according to the thickness and length of handle and according to the external climatic conditions which suits all the requirements for chosen site application, the optimum water / mortar ratio.

Start with 15% and change the doses gradually until you reach the right consistency.

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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MANUAL 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. Wait the necessary time and tighten.

Conditions of use: from 5 ° C to 35 ° C,

Do not use with risk of frost, rain, strong winds or direct sunlight.

For thicknesses greater than 2 cm, it is recommended to apply the product in two coats.

Under extreme weather conditions (strong winds or high temperatures) it is necessary to slightly moisten the product the day after application.

STORAGE CONDITION

The MasterEmaco N320 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.

Shelf life

MasterEmaco N 320 can be stored for 12 months in its packaging from the date of manufacture.

For specific storage advice, consult Master Builders Solutions technical service.

PRECAUTIONS FOR USE

Like all products containing Portland cement, MasterEmaco N320 can cause irritation. Avoid contact with eyes and prolonged contact with skin. In case of contact with eyes, flush with plenty of water for at least 15 minutes and seek medical attention. In case of contact with skin, rinse thoroughly with running water. If

the product is accidentally ingested seek immediate medical attention. Refer to the safety data sheet for further 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 BASF and possible resulting damages are in the sole responsibility of the customer.

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