



We create chemistry

MasterEmaco® N 215 FC

(Formerly known as Albaria® Stabilitura)

Natural Hydraulic Lime Based Surface Finishing Mortar Designed for Historical Masonry Buildings.

Description of Product

MasterEmaco® N 215 FC is natural hydraulic lime based, cement-free, ready-pack mortar for smooth surfaces under paintings in restoration of historical buildings.

Fields of Application

MasterEmaco® N 215 FC is used in;

- Providing with smooth surfaces before painting
- Surface levelling on lime mortars
- Repair of lime based plasters

Features and Benefits

- Cement free.
- Water-born salts (alkalis, sulphates, chlorides or nitrates), are limited
- Ready-pack
- High bonding on plaster
- Does not affect the vapour and moisture permeability of the existing building
- Low capillary water absorption
- Efflorescence resistant

Application Procedure

Preparation of Substrate

The surfaces should be free of frost, curing membranes, waterproofing treatments, oil stains, laitance, friable material and dust. The surfaces should be wetted before application. If there is a water leakage it must be drained or properly plugged.


Mixing

Add enough water into a clean mixing bucket by using a proper water gauge. Add the powder into the bucket slowly and continuously. Mix the fresh mortar with a proper electrical mixer (400-600 rpm) for 4 minutes until having a homogenous consistency. Let the mortar have rest for 4 minutes and re-mix for 30 seconds.

Mixing Ratio

MasterEmaco® N 215 FC	1 kg Powder	25 kg Bag
Water Quantity	0.24-0.26 liter	6.0-6.5 liter
Mixed Density	1.70-1.80 kg/liter	

Technical Data

Product Chemistry	Includes Natural Hydraulic Lime, Micronized Carbonates and Fine Aggregates	KR 
Color	Off-White	
Aggregate Size	0-0.6 mm	
Compressive Strength EN 196	11 kg/cm ² (90 days)	
Water Vapour Permeability	μ<14	



We create chemistry

MasterEmaco® N 215 FC

(Formerly known as Albaria® Stabilitura)

Application Method

MasterEmaco® N 215 FC should be applied to the prepared surface by using a trowel. Application thickness should be between 2-3 mm. After the mortar finishes its first setting, some water should be sprayed onto the mortar and the surface should be finished with using steel or wooden trowel. For obtaining smoother layer, second layer application should be done after 24 hours. First layer should be wetted before second layer applied.

Open areas should be protected from the rain, wind, etc. aggressive whether conditions during the first 24-48 hours after finishing repair by using wet clothes, curing membranes etc.

Coverage

1.4 kg/m² for obtaining 1 mm thick layer.

Watch Points

- During the application the substrate and environment temperature should be between 5-35°C.
- For full curing of material, both the substrate and environment temperature shouldn't be under allowed application temperature.
- Open areas should be protected from the rain, wind, etc. aggressive whether conditions during the first 24-48 hours after finishing application.

Cleaning

After the application all tools should be cleaned with water. **MasterEmaco® N 215 FC** can be cleaned with only mechanical abrasion after hardening.

Packaging

25 kg bag

Storage

Store in original container in cool (+5°C-+30°C) and dry indoor conditions.

Shelf life

12 months under proper storage conditions after production date.

Health and Safety Precautions

It is dangerous to get close to the store areas with fire. The store must be well ventilated.

Work clothes, protective gloves, glasses and mask defined in Labour Laws must be used during the application. Avoid from material to contact with skin and eyes. In case of contacting wash your skin with water and go to doctor immediately.

Don't bring any food and drink to the application area. Store the material away from the children. For further information Material Safety Data Sheets should be read.

Disclaimer

The technical information given in this publication is based on the present state of our best scientific and practical knowledge. **BASF Türk Kimya Sanayi ve Tic. Ltd. Şti.** is only responsible for the quality of the product. **BASF Türk Kimya Sanayi ve Tic. Ltd. Şti.** is not responsible for results that may occur because the product is used other than advised and/or out of instructions regarding the place and the method of use. This technical form is valid only till a new version is implemented and nullifies the old ones (01/2015).