

MC-Mortar RM 250

High strength cementitious multipurpose ready-mixed mortar grade 250.

PRODUCT DESCRIPTION: **MC-Mortar RM 250** is a high quality dry mortar grade 250, premixed and packaged at the factory. The main ingredients include a mixture of Polymer cement, selected dried sand and other high-quality additives.

- PRODUCT PROPERTIES:**
- Mortar quality is guaranteed at the factory and meets national standards: mortar is free of impurities and is many times improved compared to traditional mortar.
 - Easy to use, shortening applying time by 1/4, thanks to reduced waiting time between stages.
 - High strength and early setting time, speeding up construction progress.
 - Easy to apply, simple mixing with clean water.
 - Can be applied indoor and outdoor areas.
 - Suitable for areas requiring special strength.
 - High durability and good adhesion to concrete.

AREAS OF APPLICATION: **MC-Mortar RM 250** is a multi-purpose dry-mixed mortar grade 250, used for building indoor and outdoor floor tiles, especially for locations with high load-bearing requirements.

- APPLICATION NOTES:**
- **Surface preparation:**
 - All surfaces must be clean and free from loose or contaminated materials such as dust, dirt, oil, grease, etc.
 - To achieve maximum adhesion, the concrete surface must be cleaned of cement debris by chiseling, sandblasting or water jetting.
 - **Priming:** Normally, no primer is required. However, for surfaces with high water absorption or surfaces with high heat dissipation, a 1:1 diluted MC-Latex primer should be used to avoid the formation of air bubbles and increase the adhesion of the mortar.
 - **Mixing:** Pour the required amount of clean water into the appropriate mixing tank and slowly add **MC-Mortar RM 250** in the correct proportion. Stir the mortar mixture with an electric mixer at low speed (maximum 400 rpm). Mix well until the mortar mixture reaches a uniform consistency. Mixing ratio: Powder : Water = 25 kg : 3.25 – 4.00 liters.
 - **Application:** The surface of the **MC-Mortar RM 250** mortar layer is finished and smoothed with a foam trowel. In case of applying multiple layers of mortar, the first mortar layer must still be smoothed, then properly roughened and allowed to dry for 7 days before applying the second mortar layer. To increase the adhesion between the mortar layers, it is recommended to use a layer of MC-Latex bonding slurry at the ratio: 1 liter MC-Latex + 1 liter water + 4 kg cement.
 - **Health – Safety – Environment:**
 - Avoid contact with food and household items. Avoid prolonged contact with skin. In case of contamination, wash thoroughly with water. In case of contact with eyes and mouth, rinse with clean water and seek medical attention immediately.
 - Clean equipment and tools with water immediately after use, before the material has set.
 - Do not allow product to enter drains or water sources, but comply with local disposal regulations.

TECHNICAL DATA:

Characteristic	Unit	Value	Comments
Water separation (after 03 hours of mixing)	%	0	TCVN9204:2012
Compressive strength (03 days)	N/mm ²	≥ 25	TCVN9204:2012

**Specifications are based on laboratory conditions (23°C ± 2 and 60% RH) and are subject to change under actual application conditions. In order to determine specifications under specific conditions, preliminary conformance tests should be performed under actual construction conditions.*

PRODUCT CHARACTERISTICS:

Form	Powder
Color	Cement grey
Packaging	25kg/bag
Storage	Store in a cool, dry, covered and ventilated place.
Life time	06 months from date of manufacture if stored properly in unopened original packaging.

Note: The information provided here is based on our experience and correct to the best of our knowledge. It is, however, not binding. It will need to be adapted to the requirements of the individual building projects, to the specific application and to non-standard local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. Given these preconditions we shall be liable for the accuracy of the information given as outlined in our sales and delivery terms and conditions. Recommendations by our employees that deviate from this information are only binding for us if they have been confirmed in writing. In all cases, the generally accepted rules and practices reflecting the current state of the art must be adhered.

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