

COSTAR MORTAR 20

Cement based Plaster Mortar for Thermal Insulation

COSTAR MORTAR 20

Description

Costar Mortar 20 is cement based plaster mortar reinforced with special additives and polymers specifically designed for interior and exterior coating of thermal insulating plates, allowing easy application, resistant to water, impact and weather conditions with a long usage and correction period

Benefits

- Easy preparation and application
- Fireproof, durable and long lasting
- Resistant to water, frost, moisture and severe weather conditions
- Minimized risk of cracking
- High level of water vapor permeability
- Long usage and correction period

Area of Uses

- Indoor and outdoor facades
- As a complementary of thermal insulation systems in meshed plaster application

Application Instruction

Surface Preparation

The surface of the plate to be used must be clean and dry and the plaster process must be started minimum 48 hours after the adhesion of the plates

Mixing and Application

Slowly add 20Kg of Costar Mortar 20 in 4.5L water in the mixing container and mix it with a preferably low speed mixer until a smooth consistency is achieved. Allow the mortar to rest for 3 minutes and mixed for further 1-2 minutes and then applied to the surface with notch trowel. The application thickness of plaster must be approximately 4 mm.

Ensure that the surface is dampened at certain intervals after the application at higher temperatures than +25°C to prevent sudden water loss and ensure healthy drying of the plaster.

Appearance

Grey/White Powder

Limitation

- Do not apply the product under direct sun light and at rainy and windy weather
- The prepared mortar must be consumed within not later than 3 hours.



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Drying Time

Drying time depends on the thickness.

Technical Data

Bulk Density	1.35Kg/L
Bonding Strength	≥0.08N/mm ²
Pressure Strength	≥6N/mm ²
Bending Strength	≥2N/mm ²
Reaction to Fire	Class A1

Consumption

Approximately 4Kg per m²

Packaging

20Kg pack

Storage

12 months after manufacturing date in original and non-open packaging, under cover, in dry condition, away from humidity

Health and Safty

- In case of contact with skin and eyes, wash with plenty of water.
- Protective mask should be worn during the preparation of the product.

Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

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