

METHOD STATEMENT



COSTAR MORTAR 20

COSTAR BUILDING PRODUCT SYSTEM

Performance As Promised

www.costarchem.com

1. SCOPE

This method statement describes the step by step procedure for using Costar Mortar 20

2. DESCRIPTION

Costar Mortar 20 is a blended mix of Portland cement, sand and special additives specifically designed for plastering works on block walls, concrete surfaces, bricks and general filling up internally and externally.

2.1 LIMITATIONS

- Products shall only be applied in accordance with their intended use.
- The most recent and relevant Product Data Sheets (PDS) and Safety Data Sheets (SDS) shall apply
- This method statement is only a guide and shall be adapted to suit local products, standards, legislation, or other local requirements.

3. REFERENCES

To ensure correct application of all components of Costar floor hardener, please refer to the following documents of each product component:

- PDS (Product Data Sheet)
- SDS (Safety Data Sheet)

4. PRODUCTS

DECORATIVE MORTAR	Product Description
<p>Costar Mortar 20</p> 	<p>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</p>

5. MIXING AND APPLICATION OF COSTAR Mortar 20

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 mix 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.

6. Technical Properties

Bulk Density	1.35kg/liter
Bonding Strength	>0.08N/mm ²
Pressure Strength	>6N/mm ²
Bending Strength	>2N/mm ²
Reaction to fire	Class A1

7. LIMITATION

- Additional water should not be added to the mix after the mixing process is completed.
- Ready to use mortar should be applied within an hour.
- Costar Mortar 20 slurry shall be applied within 40-60 minutes
- Drying time depends on the thickness.
- Remaining product should be kept closed and airtight in its original packaging.
- Tools must be cleaned with water before residues fully cure.

8. INSPECTION, QUALITY CONTROL

As part of "Good Practice" the contractor shall apply an inspection procedure to check the quality of the applied protection system.

9. DISCLAIMER AND COSTAR COMPANY ADDRESS

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.

