

# METHOD STATEMENT



# COSTAR MORTAR 30

COSTAR BUILDING PRODUCT SYSTEM

*Performance As Promised*

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## 1. SCOPE

This method statement describes the step by step procedure for using Costar Mortar 30

## 2. DESCRIPTION

Costar Mortar 30 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><b>Costar Mortar 30</b></p> 	<p>Costar Mortar 30 is gypsum based rendering skim coat for filling defects on wall and ceiling surfaces, and for skimming surfaces finished with paint coats and wallpapers.</p>

## 5. MIXING AND APPLICATION OF COSTAR Mortar 30

### Surface Preparation

The surface must be clean, dry, dense, rough and clean surfaces, free of substances which could reduce adhesion. It can be applied on concrete, traditional plaster, dispersion (resistant) paints, gypsum board. Glossy surfaces on which oil paints were applied shall be roughened by glass paper and then dedusted. Concrete and traditional render surfaces may be repaired with the Costar RM mortar.

### Mixing and Application

Costar Mortar 30 shall be introduced in the measured volume of clean, clear, cold water and shall be stirred by a paddle mixer until a uniform, lump free mass is obtained. The stirring shall be repeated after 3 - 5 minutes. The mixture consistency shall be determined depending on the execution conditions and technologies and shall be maintained during the entire duration of the activity. Costar Mortar 30 shall be applied in a uniform layer on the substrate, using the iron trowel.

The layers applied on walls may be finished by smoothing with the trowel shortly before the material binds. After drying the surface may be polished with abrasive paper. The dust which will cover the surface shall be swept by a small soft broom. Both the instruments and the areas smeared with this coat shall be washed with water and hardened residues shall be removed mechanically. The mass prepared shall be used within approx. 40 - 60 minutes of its preparation.

## 6. Technical Properties

Working Time	40-60 minutes
Bonding Strength	> 0.4N/mm <sup>2</sup>
Compressive strength	> 1N/mm <sup>2</sup>
Reaction to fire	> 2N/mm <sup>2</sup>

### Consumption

Approximately 1.2Kg per m<sup>2</sup>/mm.

## 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 30 slurry shall be applied within 40-60 minutes
- Drying time depends on the thickness.
- The 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.

