



constructive solutions

# Plaster Finish

Single component polymer modified cementitious skimming coat and prebagged high build multi purpose render

## USES

**Plaster Finish** is designed for use as a render and skim finish on wall and ceilings, it can be applied from a feather edge up to a maximum recommended thickness of 2cm it only can be used for internal application. Under normal conditions, the product does not require an independent primer or curing membrane.

## ADVANTAGES

- Easy to use – no independent primer or curing membrane necessary
- Excellent bond to the concrete substrate
- Pre-blended to overcome site batched variations, only the site addition of clean water is required.
- Contains no chloride admixtures
- Consistent work quality
- Excellent and smooth finish

## DESCRIPTION

**Plaster Finish** is supplied as a ready to use blend of dry powder which requires only the site addition of clean water to produce a highly consistent cementitious plaster & skimming mortar. The material is based on a blend of cements, graded aggregates, special filters and chemical additives to provide a material with good handling characteristics, while minimizing water demand, The product exhibits excellent thermal compatibility with concrete and is fully compatible with other Plaster mortars and Dekguard Coatings.

## TECHNICAL SUPPORT

Fosroc offers a comprehensive range of high performance, high quality construction products. In addition, Fosroc offers a technical support service to specifiers, end-users and contractors, as well as on-site technical assistance in locations all over the world.

## PROPERTIES

PT.FOSROC

Indonesia

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Delta Silicon Industrial Park  
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[www.fosroc.com](http://www.fosroc.com)

Compressive Strength

15 N/mm<sup>2</sup> @ 1day  
30 N/mm<sup>2</sup> @ 28days

Drying Shrinkage  
(ASTM C157 – 93)

Microstrain  
<300 @ 7days  
<500 @ 28days

## APPLICATION INSTRUCTIONS

### **Preparation**

Clean the surface and remove any dust, unsound material plaster, oil, paint, grease, corrosion deposits or algae. Roughen the surface to remove any laitance and expose the fine aggregate by light scabbling or grit-blasting.

Oil and grease deposits should be removed by steam cleaning, detergent scrubbing or the use of a proprietary degreaser. The effectiveness of decontamination should then be assessed by a pull-of-test.

The cleaned areas should be blown clean with oil-free compressed air before continuing. All prepared areas should be thoroughly soaked with clean water immediately prior to the application of **Plaster Finish**. Any residual surface water should be removed prior to commencement.

### **Mixing**

Care should be taken to ensure that **Plaster Finish** is thoroughly mixed. Small quantities (up to 10kg) can be mixed by hand using a suitable mixing drum or bucket. Greater quantities should be mixed using a forced-action mixer, Mixing in a suitably sized drum using an approved spiral paddle in a slow speed (400/500 rpm) heavy duty drill is an acceptable alternative.

If mixing small quantities by hand, **Plaster Finish** should be volume-batched. Add 3 volumes of the **Plaster Finish** powder (loose-filled to excess and struck off level with the top of the measuring container) to one volume of drinking quality water. This should be mixed vigorously until fully homogeneous.

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For larger volumes, place 3.2 to 4 litres of drinking quality water into the mixer and with the machine in operation, add one full 25kg bag of **Plaster Finish** and mix for 3 to 5 minutes until fully homogeneous. Depend on the ambient temperature and the desired consistency, the amount of water required may vary slightly but should not exceed 4.0 litres per 25kg bag or **Plaster Finish**.

Note : that in all cases **Plaster Finish** must be added to water.

## Application

Apply the mixed **Plaster Finish** to the prepared substrate by steel trowel from a leather-edge up to 10mm thickness. It should be applied with the minimum of working and be allowed to partly set before finally trowelling to a smooth finish. If a very smooth finish is required, a small amount of water may be flicked on to the surface of the **Plaster Finish** with a paint brush prior to final trowelling.

Do not proceed with the application when rainfall is imminent unless in a sheltered or protected situation.

Note : the maximum applied thickness of **Plaster Finish** is 25mm.

## Low Temperature Working

Normal precautions for winter working with cementitious materials should then be adopted. The material should not be applied when the substrate and/or air temperature is 5°C and falling. At 5°C static temperature or at 5°C and rising, the application may proceed.

## High temperature working

At ambient temperatures above 35°C, the material should be stored in the shade and cool water used for mixing.

## Curing

**Plaster Finish** does not require curing. In cold conditions, the finished application must be protected from freezing.

## Overcoating with protective decorative finishes

**Plaster Finish** may be overcoated with a protective barrier / decorative coating after about 48 hours, dependent on ambient conditions. Fosroc recommend the use of the Dekguard range of protective, anti-

carbonation coatings. These products provide a decorative and uniform appearance as well as protecting parts of the structure which have not been repaired and might otherwise be at risk from the environment.

## Cleaning

**Plaster Finish** should be removed from tools, equipment and mixers with clean water immediately after use. Cured material can only be removed mechanically.

## Limitations

**Plaster Finish** should not be used when the temperature is below 5°C and falling. Do not mix part bags. The product should not be used to reinstate horizontal areas where the surface would remain unrestrained during cure. It should not be exposed to moving water during application. If any doubts arise concerning temperature, application or substrate conditions, consult the local Fosroc office.

## ESTIMATING

### Supply

**Plaster Finish** 25 kg bags

### Coverage and Yield

#### **Plaster Finish**

approximately 15.0 litres / 25kg bag  
( 1.5 – 2 m<sup>2</sup> at 10mm thickness)

## STORAGE

12 months if stored in original unopened packs in a cool dry environment with low humidity. Any change to the recommended storage conditions could reduce shelf life.

## PRECAUTIONS

### Health and Safety

**Plaster Finish** contains cementitious powders which, when mixed or become damp, release alkalis which can be harmful to the skin.

# Plaster Finish

During use, avoid inhalation of the dust and contact with the skin or eyes. Wear suitable protective clothing - eye protection, gloves and respiratory equipment (particularly in confined spaces).

The use of barrier creams to provide additional skin protection is also advised. In case of contact with the skin, rinse with plenty of clean water, then cleanse thoroughly with soap and water.

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately – **do not** induce vomiting.

## Fire

**Plaster Finish** is non-flammable and thus presents no fire hazard.

For further information, please refer to the Product Material Safety Data Sheet for **Plaster Finish**.

## ADDITIONAL INFORMATION

**Fosroc** manufactures a wide range of complementary products which include :

- Waterproofing membranes & waterstops
- Joint sealants & Filler boards
- Cementitious & Epoxy Grouts
- Specialised flooring materials

Fosroc additionally offers a comprehensive package of products specially designed for the repair and refurbishment of damaged concrete. Fosroc's 'Systematic Approach' to concrete repair features the following:

- Hand-placed repair mortars
- Spray grade repair mortars
- Fluid micro-concretes
- Chemically resistant epoxy mortars
- Anti-carbonation / anti-chloride protective coatings

- Chemical and abrasion resistant coatings

For further information on any of the above, please consult your local **Fosroc** office.

\* Denotes the trademark of Fosroc International Limited

+ See separate data sheet

## Important Note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Service. All Fosroc datasheets are updated on a regular basis. It is the user's responsibility to obtain the recent version. Refer to [www.fosroc.com](http://www.fosroc.com)