



Polymer modified high quality weather resistant cementitious Plaster

Description

Plaster CP3 is a high quality premixed cementitious plaster that is supplied as dry powder ready to use bags with only addition of clean water. It is used to provide a fair-faced finish for uneven surfaces and can be applied on interior and exterior walls and ceilings with thickness between 1 to 3 mm.

Uses

- Internal/ external walls and ceilings with surface undulations.
- Patching fair-faced concrete imperfections such as pinholes and hair cracks.
- Aesthetic repair works on concrete structures.

Characteristics / Advantages

- Water resistant
- Suitable for both interior and exterior application
- Can be used for humid and dry conditions
- Factory controlled pre-blended dry mix which requires only addition of water.
- Easy to mix and apply.
- Low VOC.

Standard Compliance

- BS EN 998-1:2016



Typical Properties

TECHNICAL DATA

Composition	Portland Cement, sand, chemical additives and polymers
Aggregate Size	0.3 mm sand
Color	Grey/ White
Appearance	Grey / White granular powder
Layer Thickness	1 -3 mm
Mixed Density	1.70 kg/ltr
Compressive Strength	> 4.0 N/mm ² @ 28 days
Flexural Strength	> 1.0 N/mm ² @ 28 days
Bonding Strength	> 0.5 N/mm ² @ 28 days
Working Time	30 minutes

Application Instructions

Surface preparation

The substrate should be sound and clean from dust, oils, dirt, curing compounds, etc. prior to application, the entire surfaces should be dampened using clean water.



Mixing

Pour into a suitable container 6.0 – 6.50 liters of clean water. Add 25 kg powder to the water and mix using a low speed mixing drill fitted with the suitable mixing paddle. Continue mixing for 3-4 minutes until achieving lumps-free mix. Allow the mixed material to stand for 5 minutes, then re-stir slightly with no extra water to be added to the mix.

Application

Apply Plaster CP3 using stainless steel trowel to achieve a thickness of 1-3 mm for each layer. Higher thickness can be achieved by applying multiple layers.

Cure the applied material for at least 48 hours

Cleaning

Tools should be cleaned immediately with clean water. Hardened material should be removed mechanically.

Consumption

Approximately 1.30kg/ m² @ 1 mm thickness.

Packaging

Plaster CP3 is available 25 kg bags

Storage

Plaster CP3 has a shelf life of 12 months when stored in its original unopened packing in dry conditions. Shelf life may reduce if the recommended storage conditions changed.

This product is environmentally friendly.

Limitations

- Ensure the substrate suitability prior to application of the product. To assess the suitability, reference sample should be applied.
- Do not apply the product if the ambient temperature is less than 5 °C.
- Hot weather practices should be adopted if the temperature is above 35 °C.
- Working area should be covered in case of harsh weather (wind, dust, etc.)

Safety Instructions

Like any cementitious product, Plaster CP3 contains hydraulic cement and may cause irritation to skin or eyes. For further information Refer to the Material Safety Data Sheet.

Disclaimer

Manaseer Industrial Complex has the right to amend its datasheets anytime. Please make sure to have the latest published datasheet version.

Manaseer Industrial Complex
Is a member of US green building

