



Polymer modified high quality water resistant cementitious render

Description

Plaster CP16 is a high quality premixed cementitious render that is supplied as dry powder ready to use bags with only addition of clean water. It is used as a plastering and patching material on interior and exterior walls and ceilings with thickness between 6 to 16 mm in single application.

Uses

- Internal/ external walls and ceilings with surface undulations.
- Used as a preparations layer prior to application of surface finishes such as paints and coatings.

Characteristics / Advantages

- High build thickness in single layer application
- Water resistant
- 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
- ASTM C926



Typical Properties

TECHNICAL DATA

Composition	Portland Cement, sand, chemical additives, and polymers
Aggregate Size	1.20 mm sand
Color	Grey/ White
Appearance	Grey / White granular powder
Layer Thickness	6 - 16 mm
Mixed Density	1.63 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.

For smooth concrete surfaces apply plaster key coat prior the application of plaster CP16



MICSHIELD™



Plaster CP16

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 CP16 using the troweled technique to achieve a thickness of 6 -16 mm in one 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 CP16 is available in 25 kg bags

Storage

Plaster CP16 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.

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