

# FlexCoat R

**High quality cementitious plastering for internal walls and ceilings.**

## Description

**FlexCoat R** is a high quality pre-blended, cementitious plastering material specifically designed to provide a fair faced finish for rough and uneven substrate prior to application of various finishes. It has to be applied only on interior walls and ceilings. It has better compatibility with the base plaster and forms a durable base for paints. **FlexCoat R** has superior application and adhesion properties when compared to conventional sand and cement render. It is easy to apply and being pumpable can offer economies in time and labors.

- Easy to use: just add water
- Excellent adhesion to porous substrates
- Sands easily to a smooth finish
- Good workability: does not shrink, crack or sag

## Fields of application

**FlexCoat R** is ideal for Masonry walls and ceilings

- Patching fine surface imperfections such as pinholes and hairline cracks
- Level defects in concrete walls and ceilings
- Repairing damage in concrete
- Interior general plaster.

## Technical data

Form:	White or grey powder
Fresh wet density:	1.5 ± 0.1 kg/lit
Bulk density	1.2 ± 0.1 kg/lit
Compressive Strength: (EN 1015-11)	6 MPa

Tensile Adhesion Strength: (EN 1015-12)	0.5 MPa
Pot life	60-90 mins
Final setting time	8-9 Hrs

## Direction to use

### Substrate Preparation

Substrates must be clean, sound, dust free and free from all traces of oil and laitance. Traces of mould joints must be levelled. Before the application the substrate must be sufficiently cured in a way that any shrinkage has already occurred.

### Priming

Normally no primer is required for the application of **FlexCoat R**. However, areas to be plastered should be soaked with clean water before applying the plaster, except for gypsum and plaster boards.

### Mixing

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used.

6.5 – 7.5 litres of clean water for each 20 kg bag should be added to clean container. The powder is then added slowly to the water while mixing continuously with low speed mixer/drill (400 - 600 rpm).

Mixing time should be continued until uniform consistency is obtained. Leave the mix for 5 minutes and stir again.

### Placing & finishing

**FlexCoat R** can be applied at a thickness of around 5 mm in one layer. It is applied using a



stainless steel trowel or stucco blade. Let sit until almost dry. Using a sponge float, float the material until a fine sand texture is achieved. Sprinkle with water if necessary for better workability. In hot weather, it is recommended to moisten the substrate prior the application.

Clean tools with water immediately after use.

Ideal application temperature is between + 5° C and + 35° C. In hot weather, it is recommended to cure with water the applied premix **FlexCoat R** for two continuous days..

## Consumption

Approximately 17 litres per bag, which is 17 m<sup>2</sup> per 20 kg bag @ 1 mm thickness

## Packaging

**FlexCoat R** is available in 20kg HDPE bags

## Shelf life & storage

12 months from production date if stored in original, unopened packaging, in temperature between +5°C and +35°C. Protect from direct sun exposure and frost.

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## Health & safety

**FlexCoat R** should not come in contact with skin and eyes, however any accidental splashes to the eyes must be rinsed with clean water and seek medical advice. Suitable protective gloves and goggles should be worn.

For further information, refer to the Material Safety Data sheet.

## Notes

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