

# Probuild PB200

Improved cementitious skim coat, smooth finishing and small filling putty plaster suitable for internal and external applications



## Description

Probuild PB200 is a polymer modified cementitious skim coat and smooth finishing plaster for internal and external applications specially designed to be over painted by decorative coats. Probuild PB200 is composed of a blend of cement, calcium carbonate, limestone, dry powders and selected polymers which when mixed with water produces a thixotropic creamy mortar suitable for plastering and filling the cracks and small holes on vertical and overhead surfaces.

## Applications

Probuild PB200 is designed for use internally and externally in applications such as:

- ▲ Skim coat and smoothing putty over concrete and cement based plaster to provide a smooth surface ready to be painted.
- ▲ Filling cracks, scratches and small holes before painting.

## Advantages

- ▲ High resistance to weather conditions.
- ▲ Low absorption to water.
- ▲ Provides an excellent protection for the decorative painting layer against moisture.
- ▲ Shrinkage controlled cementitious plaster.
- ▲ Easy to apply, provides a smooth surface that can be easily hand sanded
- ▲ One component, requires only addition of water.
- ▲ Thixotropic properties, suitable for vertical applications.
- ▲ Easily applied by trowelling.

## Method of Use

### Substrate Preparation

Substrate must be clean and free from oil, grease, dust and laitance.

### Priming

Normally no primer is required for the application of Probuild PB200. However, areas to be plastered should be soaked with clean water before applying the plaster, except for gypsum and plaster boards.

### Technical Properties:

Colour:	White or grey
Fresh wet density:	$1.6 \pm 0.1 \text{ g/cm}^3$
Application thickness:	Up to 3 mm
Bulk density:	$1.3 \pm 0.1 \text{ g/cm}^3$
Application temperature:	5 to 35°C
Working time:	60 - 90 min
Final setting time: ASTM C191	8 - 9 hr

## Mixing

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

8.8 - 9.2 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 and Finishing

The suitable thickness of application is up to 3 mm per coat using stainless steel scraper or putty knife. If higher thickness is required another layer should be applied after the first layer has initially set using wet on wet technique. At higher applied thicknesses, small hair cracks may appear.

After full drying (24 hours), the surface should be smoothed using fine sand paper.

## Cleaning

All tools should be cleaned immediately after use with fresh clean water. Hardened materials should be cleaned mechanically.

## Packaging

Probuild PB200 is available in 20 kg bags.

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## Yield

Approximately 18 litres per bag, which is 18 m<sup>2</sup> per 20 kg bag @ 1 mm thickness.

## Storage

Probuild PB200 has a shelf life of 12 months from date of manufacture if stored at temperatures between 5°C and 35°C in original unopened bags.

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

## Cautions

### Health and safety

Probuild PB200 may cause irritation to skin or eyes. In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary.

For further information refer to the Material Safety Data Sheet.

## Fire

Probuild PB200 is nonflammable.

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### Note:

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