

Cemcoat Ultra

Water resistant, high performance cementitious skim coat and smooth putty plaster



DESCRIPTION

Cemcoat Ultra is a polymer modified cementitious skim coat, smooth finishing and wall putty plaster specially designed to be over painted by decorative paints.

Cemcoat Ultra is formulated from a unique composition of cement, limestone, dry powders, selected polymers and special hydrophobic additives which when mixed with water produces a creamy paste suitable for plastering and filling small cracks and pinholes on vertical and overhead surfaces in dry or humid conditions.

APPLICATIONS

Cemcoat Ultra is designed to withstand humid conditions and moisture when applied in different applications such as:

- » Skim coat and smooth putty over fairfaced concrete and cement based plaster to provide a smooth surface ready to be painted.
- » Filling small cracks, scratches and pinholes.

ADVANTAGES

- » Provides an excellent protection for the decorative painting layer against moisture.
- » Low absorption to water.
- » Shrinkage controlled cementitious plaster.
- » Easy to apply, provides a smooth surface that can be easily hand sanded
- » One component, requires only addition of water.
- » Unique thixotropic properties, suitable for vertical applications.
- » Easily applied by trowelling.
- » Easily applied by scraper or putty knife.

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 Cemcoat Ultra. 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 ± 0.1 g/cm ³
Application thickness:	Up to 3 mm
Application temperature:	5 to 35°C
Working time:	60 - 90 min

MIXING

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used. 7.8 - 8.2 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 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.

At higher applied thicknesses, small hairline cracks may appear. After full drying (24 hours), the surface should be smoothed using fine sand paper.

Note: Cemcoat Ultra should not be cured with water after application.

REMARKS

- » In cases where moisture is anticipated in the substrate, and to prevent the subsequent coat from peeling off Cemcoat Ultra, the subsequent coat should be a breathable coating such as emulsion paints.
- » Although Cemcoat Ultra is water resistant, it is not designed to prevent negative water pressure. In such cases a cementitious waterproof coating such as "Setseal B" should be applied before applying Cemcoat Ultra.



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CLEANING

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

PACKAGING

Cemcoat Ultra is available in 5, 20 and 25 kg bags.

YIELD

Approximately 17.6 litres per bag, which is 17.6 m² per 20 kg bag @ 1 mm thickness.

STORAGE

Cemcoat Ultra has a shelf life of 18 months from date of manufacture if stored at temperatures between 5°C and 35°C in original unopened bags.

If these conditions are exceeded, contact DCP Technical Department for advice.

CAUTIONS

HEALTH AND SAFETY

Cemcoat Ultra 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

Cemcoat Ultra is nonflammable.

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