

PlasterCote Datasheet

December 2021

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A specially designed cement-based plaster mixture for rapid thin application to brickwork and blockwork to fill the joints and other imperfections economically.

Technical Data

Type	Cement /polymer based micro-coating
Colour	Grey only
Pot Life	30-45 minutes
Working time after mixing	30-45 minutes
Initial Set	1 hour
Mixing water temperature	10°C to 25°C
Application temperature (ambient)	6°C to 25°C
Substrate temperature	6°C to 25°C
Min application thickness	Scrape coat designed as a filler
Max application thickness	2mm
Density	1.1kg/lt
Protection during application	Use sun and wind barriers

Purpose

To provide a level base for the application of Cemcrete's CemWash, Thermoplastic Coating, StippleCrete, RenoCrete, CemCote, and any other micro-coating or paint to walls constructed with bricks or blocks.

Benefits

- Dispenses with expensive conventional plastering
- Easy to use
- Good filling capacity

Applications

- **PlasterCote** is a purpose designed, low cost, premixed water based, low-shrinkage finishing compound that provides a smooth finish.
- **PlasterCote** is suitable for interior & exterior application. Can be painted.
- **PlasterCote** is ideal for houses, apartments, low cost housing schemes, warehouses, commercial buildings etc.
- Recommended for affordable housing to dispense with expensive conventional plastering.

Specifying

Cemcrete's **PlasterCote** as a levelling base coat for the final finishing coat.

Suitable Surfaces

Off-form concrete, un-rendered brick or block walls.

Site Work

Storage

In unopened sacks on slats in a dry shed for 3 months from date of invoice.

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Surface preparation

All surface should be dry and devoid of any dirt, dust or any form of laitance whatsoever and oil, grease or any contaminants that may impair bond.

New brickwork

No preparation except damping down the clean hard masonry.

Previously coated work

Surfaces previously coated should be chipped thoroughly and wire brushed to remove all loose material. When dry the surface should be slushed with a solution of 1 volume CemBond and 3 volumes water mixed with neat cement and allowed to dry for a minimum of 2 hours.

Mixing

PlasterCote should be mixed with a solution of 1 volume CemBond and 5 volumes water. It is recommended that a mechanical mixer is used for this purpose. In order to minimize wastage prepare only the amount you need to apply within 45 minutes.

Specifying

- Existing wood floated or brushed plastered walls - The mixture in the bucket should be sloppy and pourable. Hold the steel float against the wall at 45° and using a miller's scoop pour the mixed slurry between the trowel and the wall at the same time moving the trowel upwards so that the slurry fills the joints and imperfections but does not build up a thickness of plaster greater than 2mm on the bricks. After allowing a short setting time the surface should be wood floated.
- Flush jointed brick or block work - **PlasterCote** can be used to fill holes and minor imperfections in the bricks and or mortar joints. **PlasterCote** should be mixed to a loose plaster mix (porridge type consistency).
- Non flush jointed bricks or block work - **PlasterCote** can be used to fill the mortar joints. **PlasterCote** should be mixed to a stiff mortar consistency. Re-pointing of existing walls: The pointing on existing walls may vary in depth and texture so it is recommended that a diamond chasing tool is used to chase the existing joints to a recommended depth of 6mm. Chasing too shallow will not provide the longevity required whilst chasing too deep may weaken the structure. The same mixture can be used to fill up holes or damaged bricks. Allow this to set then apply **PlasterCote** as a filler coat over the entire surface as per point 1.

Cleaning

Cure all completed **PlasterCote** by wetting with clean water three times the next day.

Specimen Finish

A trial area should be treated on site for the architect's approval.

Safety

Wear protective clothing when applying PlasterCote. When sanding, wear the appropriate dusk mask. In the event of contact with eyes flush with clean water.

Packaging

Supplied in 40kg paper bags.

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Coverage

Depending on surface texture one bag should cover approximately 10m² at a maximum thickness of 2mm.

Manufacturer's Warranty

Cemcrete warrants that the products manufactured by it shall be free from material defects and will be consistent with its normal high quality. Should any of the products be proven defective, the liability to Cemcrete shall be limited to replacement of the product ex-factory. Cemcrete makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties expressed or implied. The user shall determine the suitability of the product for his intended use and assume all risks and liability in connection therewith.

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