

RippleCoat Datasheet

November 2017

Page 1 of 3

A highly plasticized mixture of white cement and carefully selected ingredients which impart exceptional hardening and adhesive properties to the finish. Supplied in powder form for mixing with clean water on site. Application is direct to concrete or cement plaster.

Technical Data

Type	Hi-build plasticised white cement coating
Colour	White
Pot life	45 minutes
Initial set	Stiffens within 45 minutes
Over coating time	12 hours depending on weather
Cleaning of equipment	Clean with clean water immediately after use
Application temperature (ambient)	6°C to 30°C
Substrate temperature	6°C to 30°C
Viscosity	Thixotropic (paste like)
Abrasive resistance	Offers good abrasion resistance and washability
Density	2.2kg/lit
Protection during application	Sun and wind barriers
Safety	See MSDS

Purpose

Hides surface irregularities in primed cement plaster, concrete, flush jointed brickwork, breeze blocks, fibre cement boards and building boards. Acts as an attractive stippled base for a final coat of PVA or Acrylic Emulsion Paint.

Benefits

- Hides blemishes and unevenness in plaster work.
- Flexible and durable.
- Non-flammable.
- Can be coated with paint.
- Good abrasion resistance and washable.

Limitations

- It is best to prime substrates prior to applying **RippleCoat** so as to prevent bubbling.
- RippleCote cannot be spread too thinly otherwise the desired texture will be compromised.

Specifying

"Cemcrete's **RippleCoat** to be mixed with clean water and applied with a sponge stippling roller." Suitable for primed cement plaster, concrete, flush jointed brickwork, breeze blocks, fibre cement boards and building boards.

Site Work

Storage

Can be stored in un-opened bag in a dry place on slats away from direct sun, heat or cold for up to 6 months from date of invoice.

Cemcrete provides a comprehensive technical service based on over 3 decades of experience in the field of surface applications and cement technology. Cemcrete believes, to the best of its knowledge, that the information contained herein is true and accurate at the date of issuance and is subject to change without prior notice. For further clarification of these instructions, contact Cemcrete.

RippleCoat Datasheet

November 2017

Page 2 of 3

Surface Preparation

RippleCoat is suitably designed for application onto substrates that are integrally sound (no cracking, no crumbling or friability, good compressive strength and free of oils or contaminants that may impair bond. Cemcrete cannot be held liable should the **RippleCoat** application be compromised as a result of failure or de-bonding (adhesion failure) occurring within the substrate due to deficiencies or lack of surface preparation.

New wood floated plaster

The plaster should be cured for at least 28 days before applying **RippleCoat**. Prime the plaster with a solution made up of 1 part CemBond and 3 parts water allowing each coat to dry properly between coats.

Fibre board/building board

Prime the plaster with a solution made up of 1 part CemBond and 3 parts water allowing each coat to dry properly between coats.

Flush jointed brickwork/blocks

Prime the plaster with a solution made up of 1 part CemBond and 3 parts water. Apply **RippleCoat** when the surface is dry.

Previously painted walls

Ensure there is no loose defective paint and that any tightly bonded paint is feathered even with the surface by sanding. The entire painted surface should be sanded with a 60 grit sandpaper to provide a mechanical key. Prime the plaster with a solution made up of 1 part CemBond and 3 parts water. Apply **RippleCoat** when the surface is dry.

Surfaces with variable suction

Where plaster with newly patched sections and previously painted surfaces exist on the same wall or are butt joined, apply a 3 to 4mm layer of Cemcrete's EIFS BaseCoat (in accordance with the relevant datasheet). Finish the surface using a block brush or sponge roller to create a textured finish, thus providing a good mechanical key. Leave to dry for at least 24 hours.

Shuttered concrete

Shuttered concrete should be shot blasted so as to provide a good mechanical key and remove all traces of release agents before attempting to coat with **RippleCoat**. A trial area should be done to test for proper adhesion before commencing with the project.

Masking

For best results all windows, doors and adjacent surfaces should be masked using masking tape and brown paper. All masking material must be removed at the end of the day's work.

Mixing

Primer Coat: 1 volume CemBond with 3 volumes water

RippleCoat: 2 volumes loose **RippleCoat** powder with 1 volume water

Slight adjustment of the quantities might be necessary depending upon the ambient temperature, the method of measuring and the texture required. Mix thoroughly with a flat stick, allow lumps to soften for a few minutes, then remix.

Cemcrete provides a comprehensive technical service based on over 3 decades of experience in the field of surface applications and cement technology. Cemcrete believes, to the best of its knowledge, that the information contained herein is true and accurate at the date of issuance and is subject to change without prior notice. For further clarification of these instructions, contact Cemcrete.

RippleCoat Datasheet

November 2017

Page 3 of 3

Application

- Use a sponge/texture type roller for best effect.
- Load roller well and cover small areas at a time using criss-cross strokes to place the material. Do not roll too thinly otherwise the desired texture will not be achieved.
- Then roll vertically in up and down strokes but lay off lightly in the downward stroke.
- Roll into wet coating until the texture is acceptable.
- Maintain a wet edge from corner to corner or feature to feature to obtain an even finish.
- A second coat may be applied to enhance the texture and build up dry film thickness.
- Finish with one coat PVA or Acrylic paint applied with a sheepskin roller or paint brush.

Curing

Under normal conditions curing with water is not necessary. If slight dusting is experienced wetting with clean water the day after application will help considerably.

Specimen Finish

A trial area should be treated on site for final Architect's approval.

Safety

Take care to avoid contact with eyes and skin and keep out of reach of children. In case of contact rinse immediately with plenty of clean water and seek medical assistance for eyes. If swallowed do not induce vomiting and seek medical attention. Refer to the MSDS.

Coverage

Depends upon the suction and texture of surface and the degree of stipple required.

Approximately 20m²/20kg bag.

Packaging

Supplied in 20kg non-returnable paper bags.

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.

Cemcrete provides a comprehensive technical service based on over 3 decades of experience in the field of surface applications and cement technology. Cemcrete believes, to the best of its knowledge, that the information contained herein is true and accurate at the date of issuance and is subject to change without prior notice. For further clarification of these instructions, contact Cemcrete.

Johannesburg Head Office

8 Telford Street
Industria
011 474 2415

Johannesburg Showroom

227 Jan Smuts Avenue
Parktown North
011 447 3149

Centurion Showroom & Warehouse

15 Coachmen's Park
26 Jakaranda Street, Centurion
012 653 6808

Cape Town Showroom & Warehouse

Eagle Park, cnr Bosmansdam &
Omuramba Roads, Montague Gardens
021 555 1034