

Texturite Roughcast Datasheet

December 2015

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A coloured cement based decorative finish for exterior and interior walls and ceilings. Integrally coloured to eliminate the need to paint. It permanently hides plaster crazing and other similar defects. Supplied in powder form for mixing on site with clean water. Application is by hand operated Tyrol Flicking Machine or Putzmeister.

Purpose

To provide an exceptionally long lasting coloured textured coating that hides hairline cracks and other imperfections in plaster or concrete.

Technical Data

Type	Cement based thin film coating
Colour	See www.cemcrete.co.za
Pot life	45 minutes
Initial set	1.5 to 2 hours
Working time after mixing	30 minutes
Mixing water temperature	15°C-25°C
Application temperature (ambient)	6°C-25°C
Substrate temperature	6°C-25°C
Minimum application thickness	3-4mm (smaller nodules)
Maximum application thickness	5mm (larger nodules)
Density	2.2kg per litre
Protection during application	Use sun and wind barriers

Specifying

'Apply' a brush coat followed by one or two flicked coats of an approved colour using a hand held Tyrol Flicking Machine or a Putzmeister. The surface should be dry at the time of application and all the coats are to be applied on the same day, allowing each coat to dry before applying the next one. All completed work to be cured by mist spraying 3 times with clean water on the day following the day of application.

Specimen finish

A trial area should be treated on site for the approval of the specifier or client. Where this is done offsite the contractor should provide the client with one sample and keep a retained sample for record purposes.

Suitable Surfaces

Dry stack brickwork, breeze blocks, stock and face bricks, rough concrete, hard and clean bag wash, wood floated or scratch plaster, previously painted surfaces, etc. Beware of bricks containing clay as they expand and contract and are prone to pop outs. Surfaces are to be hard (no crumbling or structural cracking and have good compressive strength). They should also be clean and free of contaminants or laitance of any sort which may impair bond. Use in conjunction with Cemcrete's CemBond when applied to previously painted surfaces, friable surfaces and/or surfaces with hairline cracking (refer to the CemBond data sheet). Before coating commences it is essential that a drip line is created about 200mm above the finished ground level using an angle grinder to cut back to brick level. The surface below the drip line and any exposed wall capping should be properly waterproofed before coating with **Texturite Roughcast**.

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.

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Site Work

Storage

Store in a dry shed on wooden slats for a maximum of 4 months.

Weather

Do not apply to exterior surfaces if rain is expected or there is a risk of frost.

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.

Surface Preparation

New wood floated or scratch plaster

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

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. Using a block brush apply **Texturite Roughcast** mixed with a 1 volume CemBond/5 volumes water solution when the surface becomes tacky. Using criss-cross strokes ensure that the entire surface is well covered.

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 data sheet). 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. Having achieved this, follow the same procedure as for plastered surfaces.

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 **Texturite Roughcast**. A trial area should be done to test for proper adhesion before commencing with the project. Having achieved this follow the same procedure as for plastered surfaces.

Mixing

First coat

Mix to a paste 2.5 volumes **Texturite Roughcast** with 1 volume solution made up using 1 volume CemBond and 5 volumes water. Mix to a creamy slurry. Apply all mixed material to the surface with a block brush using criss-cross strokes. Keep mixture stirred to ensure a consistent texture and use the material within 30 minutes. This coat must provide total opacity.

Second and possible third coat

Medium texture 3 volumes **Texturite Roughcast** to 1 volume water

Fine texture 2.5 volumes **Texturite Roughcast** to 1 volume water

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Application

Place about 1 litre of mixture into a Tyrol Flicking machine. Hold the machine about 500mm from the wall and spray covering the surface with evenly spaced blobs of **Texturite Roughcast**. Maintain a wet edge whilst moving the machine during the spraying operation. Allow the material to dry to an even colour between coats. Ensure that the second or third coat obliterates the surface with evenly spaced blobs. Ensure that these coats provide uniformity of texture and colour. All coats should be applied within the same day.

Curing

Cure by mist spraying with clean water from the bottom up 3 times during the day following the day of application.

Coverage

One 25kg bag will cover approximately 6 to 8m² depending on the coarseness of the texture and porosity of the surface. Less coverage is obtained on ceilings.

Packaging

Supplied in 25kg non-returnable paper bags.

Colours

Please refer to our website: www.cemcrete.co.za for the updated colour choices. It is important to remember that final colours may differ from those depicted on the colour charts as a result of factors such as site conditions and choice of sealer etc. It is important to base your final decision on samples applied by the same contractor and under the same conditions as is governed by the relevant contracting parties. We recommend two samples should be made by the contractor, one for the client and one as a retained sample.

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