

SatinCrete Datasheet

May 2017

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SatinCrete is a thin skim, cement based decorative plaster that creates a smooth, coloured finish for interior use only.

Technical Data

Type	Modified cement based skim plaster
Colour	See website: www.cemcrete.co.za
Pot life	45 minutes
Working time after mixing	20-30 minutes depending on weather
Initial set	1.5-2 hours
Mixing water temperature	Best between 15 and 25°C
Application temperature (ambient)	6-25°C
Substrate temperature	6-25°C
Min application thickness	2mm
Max application thickness	3mm
Density	1 750g/litre
Protection during application	Use of wind and sun barriers

NOTE: All wet areas should be waterproofed prior to application, and substrates must attain moisture levels less than 5% before the application of **SatinCrete**.

Purpose

To provide a smooth decorative plaster onto wood floated plaster, previously painted surfaces primed with CemBond, polystyrene or Nutec board coated with Cemcrete's EIFS BaseCoat system.

Specimen Finish

SatinCrete of an approved colour to be applied in one coat no thicker than 3mm, onto a suitable surface for approval by the architect/client. The sealing method chosen should also be tested for colour and desired finish. We suggest that the contractor keeps a retained sample for record purposes.

Storage

SatinCrete can be stored, off the floor, unopened in a dry place, at temperatures above 5°C, for 6 months from date of invoice.

Suitable Surfaces

Wood floated plaster, fibre cement board, new dry walling, previously painted surfaces primed with CemBond and polystyrene coated with Cemcrete's EIFS BaseCoat. Surfaces should be hard (no crumbling or cracking, and have good compressive strength). They should also be clean, free of contaminants, or laitance of any sort which may impair bond.

New wood floated plaster

The plaster should be cured for at least 28 days before **SatinCrete** is applied. Prime the plaster with a solution made up of 1 part CemBond and 3 parts water. Apply two coats of this solution and allow it to dry. Apply **SatinCrete** the next day (see **Application** below).

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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Previously painted walls and fibre cement board

Using a 60grit sand paper, sand the entire surface ensuring that all loose, defective paint and friable material is removed. Prime the plaster with a solution made up of 1 part CemBond and 3 parts water. Apply **SatinCrete** when the surface becomes tacky (see **Application** below).

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. Apply **SatinCrete** (see **Application** below).

New drywalls and jointing

When plastering substrates such as dry walling where this may be butt joined to substrates made up of different materials such as brick and mortar etc. slip joints should be incorporated into the design. Refer to the Cemcrete Slip Joint information sheet. Apply a 3 to 4mm layer of EIFS BaseCoat and texture it, thus providing a good mechanical key. Leave to dry for at least 24 hours before applying **SatinCrete** (see **Application** below).

Mixing

One bag of **SatinCrete** requires approximately 2.8 litres of clean water per bag depending on the colour, weather conditions and ambient temperature at the time of application. Place about 1.5 litres of water into the bucket, then add the contents of the bag slowly into the water and mix thoroughly using a mechanical mixer. Gradually add more water (a little at a time) until a smooth paste consistency is achieved. Do not exceed 2.8 litres of water per bag. Where smaller batches are mixed then using 1 litre buckets, place 1 volume of water into the bucket and add 4 volumes of **SatinCrete** powder into the water and mix thoroughly. A smooth paste consistency must be achieved.

Application

Using a 6mm steel notch trowel, apply the first layer forcing the material tightly against the surface (similar to tile glue). Immediately follow with a steel trowel ensuring that the lines left by the notch trowel have been flattened. Once touch dry, use a sponge float to even out the surface and remove high spots (similar to Rhinolite), followed immediately by smoothing with a slightly damp steel trowel. Further textures may be achieved by using one of the following methods:

- Brush finish
- Combed finish
- Sponge roller
- Sponged finish

Curing

Leave to air cure for at least 24 hours before moist curing with a light mist spray of water at least 3 times during the day. Always spray from bottom to top to avoid water run marks. Allow to dry for at least 3 days before sealing.

Sealing

The moisture in the substrate must be less than 5% prior to sealing. Ensure that the surface is free of any form of laitance or dust etcetera before sealing with a suitable sealer fit for purpose in accordance with the manufacturer's instructions. Sealers are best applied to a cool surface in multiple thin coats until an even sheen is achieved. Allow sufficient drying time between coats (product specific in accordance with the manufacturer's instructions). Cemcrete manufacture a wide range of sealers designed for a specific purpose, dry film thickness and durability; (example: for use in wet areas etc.) Various sealers also offer varying final finishes to the surface (eg: gloss, matt, colour change, etc). Please contact your local representative for the best solution to meet your needs.

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Limitations

Where **SatinCrete** is the product of choice for kitchen counter tops, please ensure that it is not exposed to direct heat, such as hot pots directly from stove or oven onto the **SatinCrete** surface.

Coverage

One 20kg bag will cover approximately 3m² to 4m² when applied at 2 to 3mm.

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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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