

# SatinCrete Datasheet

November 2018

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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

<b>Type</b>	Modified cement-based skim plaster
<b>Colour</b>	See website: <a href="http://www.cemcrete.co.za">www.cemcrete.co.za</a>
<b>Pot life</b>	45 minutes
<b>Working time after mixing</b>	20 - 30 minutes depending on weather
<b>Initial set</b>	1.5 - 2 hours
<b>Mixing water temperature</b>	Best between 15°C and 25°C
<b>Application temperature (ambient)</b>	6°C to 25°C
<b>Substrate temperature</b>	6°C to 25°C
<b>Min application thickness</b>	2mm
<b>Max application thickness</b>	3mm
<b>Density</b>	1 750g/litre
<b>Protection during application</b>	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, 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 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 5 parts water. Apply two coats of this solution and overcoat when first coat is dry. Apply **SatinCrete** the next day (see **Application** below).

Cemcrete provides a comprehensive technical service based on over 4 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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## New dry walls and fibre cement boards incorporating jointing

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When plastering substrates such as dry walling and fibre cement boards 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 48 hours before applying **SatinCrete** (see **Application** below).

## Mixing

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Mix 1 volume clean water to 4 volumes of **SatinCrete** and mix thoroughly using a mechanical mixer. Gradually add more water or powder (depending on consistency) a little at a time, until a smooth paste consistency is achieved.

## Application

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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. At this stage check the depth of the Satincrete using a 3mm gauge, and either add or remove product as required. 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

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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

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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 (e.g. gloss, matt, colour change, etc). Please contact your local representative for the best solution to meet your needs.

## Limitations

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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

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One 20kg bag will cover approximately 3m<sup>2</sup> to 4m<sup>2</sup> when applied at 2 to 3mm.

## Colours

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Please refer to our website: [www.cemcrete.co.za](http://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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## Manufacturer's Warranty

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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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