



S2000-02 Creme

# Skalcem S2000/CF2000

Coloured, cement-based thin coat render  
for indoor and outdoor use

# Skalcem S2000/CF2000

## Properties

Skalcem S2000/CF2000 is a high quality thin coat, cement-based render with an excellent adhesion and very easy to work with.

Skalcem S2000/CF2000 is very durable, weather resistant and permits vapour diffusion. Very suitable for substrates exposed to harsh climate.

Skalcem S2000/CF2000 is suitable as rendering on a wide range of materials. Skalcem S2000/CF2000 is very suitable as thin render on regular mortar, brick or Skalflex brick Pattern substrate, façade insulation systems or mesh systems.

Skalcem S2000/CF2000 is a coloured thin coat render with a natural, matt appearance which requires only a minimum of maintenance. Available in 36 natural colours. Skalcem S2000 is a pre-coloured product, while Skalcem CF2000 is a neutral-coloured base with colour pigments to be added.



## Preparations

The substrate must be clean, solid, completely hardened and free of any material which may prevent adhesion.

All joints must be filled and compressed and must comply with the requirements in DS414/ Euro code 6.

Remove dirt and coatings delicately and effectively with Skalflex Cleaning agent (Skalflex Alt-Rens).

Thoroughly wet the substrate with clean water until it is equally saturated and slightly absorbent, but not running with water.

Do not apply water to internal, untreated walls. Instead, the substrate must be primed with Skalflex Beto-Binder mixed with clean, cold water at a 1:3 ratio. Please note

that 2 litres of water must be replaced with 2 litres of undiluted Skalflex Beto-Binder per 25 kg bag when mixing.

Interior walls with acrylic paint should be applied with a 1-2 mm coat of Skalflex Multiplaster (Skalflex Multipuds) 2-3 days before applying Skalcem S2000/CF2000.

## Mixing

Fill a suitable mixing container with 5-6 litres of clean, cold water before gently adding the 25 kg Skalcem S2000/CF2000 powder to the water, gently mixing the product using a suitable powered paddle mixer, until the consistency is homogeneous and easy to work with.

For internal, untreated or painted walls, 2 litres of the water for mixing the product must be replaced with 2 litres of undiluted Skalflex Beto-Binder per 25 kg of product.

Do not add water or additives of any kind once the product is mixed.

Always add the exact same quantity of water for each mix to avoid risk of colour differences.



Before and after application of Skalcem S2000/CF2000. The thin coat render brings elegance and class to the facade and revives the building completely.



# Application and maintenance

## Application

Apply a layer thickness of at least 1-2 mm with a trowel. When the plaster has begun to dry (after some minutes), the surface must be smoothed with a dry or damp sponge.

To avoid lines, whole wall surfaces should be finished with a single application.

Use the mixed render within 2 hours.

## Best practices

Use Skalcem S2000/CF2000 with the same production date /batch number to avoid risk of colour differences.

Apply the same amount of water for each mix.

In case of deep joints, up to 20% oven dried quartz sand (grain size 0.4-0.8) can be added to prevent shrinkage of joints during drying.

## Precaution

Protect the newly coated surface from heat, rain and very low temperatures immediately after and the first 2-5 days after application.

Only apply Skalcem S2000/CF2000 at 24-h temperatures above +5°C.

Do not apply during the winter season. The unhardened render coat does not withstand frost.

Do not apply in direct sunlight or to walls that have been heated by the sun.

The product should not be used on certain types of machine moulded bricks, as there may be a risk of frost damage. Contact Skalflex for further information.

## Refreshing and maintenance

If a colour change is desired, the render coating can be painted with Skalcem 100, Skalflex Façade-Silicate Paint or Skalflex Siloxane Paint. Regular acrylic based wall paint can also be used indoors.

Dirt and coatings can be removed delicately and effectively with Skalflex Cleaning agent (Skalflex Alt-Rens).

Exposed facades, window ledges etc can be protected with Skalflex Façade-Proofing (Skalflex Façade-Imprægnering).

Skalcem S2000 and CF2000 are basically the same product. The difference is, that S2000 is pre-coloured while CF2000 is a neutral coloured base, where pigments are to be added. Together they form a colour chart with 36 natural colours.

### Skalcem S2000

Pre-coloured thin coat. Available in 14 colours.

### Skalcem CF2000

Neutral-coloured thin coat with additional colour pigments. Available in 21 colours. CF2000 can also be applied without any pigments added.



## Consumption

Approx. 2 kg per m<sup>2</sup> for brick walls with filled joints.

## Free colour samples

It is important to choose the right colour and it is best judged in the right environment and neighbourhood. Acquire free colour samples from Skalflex.

Do not apply the samples directly on to the facade, as this may cause differences in structure and shadings on the finished facade. Apply the samples on a test plate and place it against the facade. Judge the samples in different lightings through the day.

Mix the colour samples with water. Each sample covers approx. 0.1 m<sup>2</sup>.



# Inspiration



*S2000-01 Hvid*



*CF2000-17*



*S2000-24 Mellemgul  
S2000-01 Hvid*



*S2000-31 Kalksand*

# Colour chart Skalcem S2000/CF2000



*The displayed colours only serve as a guideline.  
Please acquire free colour samples from Skalflex in order to see the precise colour.*

# How to apply



1. Make sure the substrate is clean, solid and dry. Prepare the facade by dis-mounting house number etc. Cover window frames etc. with masking tape.

Find tools and equipment.



5. Gently mixing the product using a suitable powered paddle mixer, until the consistency is homogeneous and easy to work with.

The render is ready to apply after a 10 minutes rest followed by a thorough stir.



2. Saturate the substrate thoroughly with sprinkled water.



6. Place the render on the steel trowel.



3. Fill a suitable mixing container with 5-6 litres of clean, cold water.

For indoor application replace 2 litres of water with 2 litres of Skalflex Beto-Binder per 25 kg Skalcem 2000.



7. Apply an even coat of render with the steel trowel in a layer thickness of 1-2 mm.



4. Gently add the 25 kg Skalcem S2000/CF2000 to the water.

Coloured CF2000:  
Add the pigment and mix it with the water before adding CF2000.



8. Smoothen the surface with a dry or slightly dampened sponge after some minutes.

