

# Alsilite Sc Carbon F

Lightweight silicon-resin render with skim finish and Carbon technology



## AREAS OF APPLICATION

Paste-like finish for mineral and organic render systems on exterior walls and ceilings.

Can be used in connection with the alsecco facade systems, in particular with System Alprotect Carbon.

## PRODUCT PROPERTIES

- Carbon-fibre reinforced
- Fine surface structure
- Feltable
- Extremely easy to apply
- High colour stability
- High level of protection against microbial infestation
- With encapsulated film protection
- Highly water-repellent
- Water-vapour permeable

## TECHNICAL DATA

Binder base	Silicone resin emulsion Acrylic resin dispersion
Density	approx. 1,3 g/cm <sup>3</sup>
Diffusion	Diffusion-permeable Class V <sub>2</sub> according to DIN EN 1062
Water permeability in System	$w \leq 0,1 \text{ kg}/(\text{m}^2\text{h}^{1/2})$ according to DIN EN 1062 Class W <sub>3</sub> (low) according to DIN EN 1062

**APPLICATION INSTRUCTIONS**

Preparation	<p>Mask window sills and attachment parts.</p> <p>First, render the reveals.</p>
Substrate pre-treatment	<p>All substrates must be stable, level, clean, dry and free of any residue, which can reduce adhesiveness.</p> <p>If applicable, the stability of substrates can be ensured by applying suitable primers.</p> <p>Do not use on moist substrates.</p> <p>We recommend a priming coat with Primer SC, to improve workability before applying the decorative render.</p>
Mixing	<p>Ready to use</p> <p>If necessary, adjust to a workable consistency with a max. of 1 % water.</p>
Application	<p><b>1.) Fine filling, to create a level substrate:</b></p> <p>Levelling of the substrate with Alsilite Sc Carbon F. Avoid or smooth filler seams. The substrate must be absolutely level after filling; layer thicknesses must be between 1 mm and 2 mm.</p> <p><b>2.) Apply a layer of felt:</b></p> <p>After the fine filling has sufficiently cured, apply Alsilite Sc Carbon F with a rustproof steel trowel with a suitable layer thickness for felting (approx. 1 mm). Then, felt with a fine sponge float after setting.</p> <p><b>3.) Paint coat on the felted surface:</b></p> <p>Alsilite Sc Carbon F must then be coated twice with Alsicolor Carbon or Alsicolor SC after thorough drying.</p> <p>Alternatively, in cases in which fine filling to even out the substrate is not required, one coat also suffices. At the same time, a minimum coat thickness of approx. 1 mm must be ensured.</p> <p>The transition from areas with ground contact to the base or areas, which are similarly exposed to splash water, must have a suitable moisture protection (e.g. Waterflex or Waterflex Carbon) applied to the felted layer at least 5 cm above ground level.</p>
Consumption	<p>approx. 1,3 kg/m<sup>2</sup> per mm layer thickness</p> <p>Determine the precise material requirements by means of a trial coating on the object.</p>
Information about the weather	<p>There cannot be temperatures below + 5 °C during application and drying.</p> <p>Protect against premature drying, do not apply in direct sunlight.</p> <p>In the case of wind, please observe the shorter setting time.</p>
Drying time	<p>approx. 24 - 48 hours</p> <p>Dependent on temperature and relative humidity</p> <p>Even longer with high relative humidity and low temperature</p>
Cleaning of tools	<p>In a fresh state with water.</p>
Application by machine	<p>Please request special information regarding machine processing.</p>

**STORAGE**

Shelf life in original sealed packaging of at least 1 year when kept cool and protected against frost.

**PACKAGING INFORMATION**

Colour	White and pigmented.
Packaging unit	PP bucket approx. 18 kg net

**OTHER INFORMATION**

This products provides a high level of protection against microbial infestation, a permanent exclusion of infestation cannot be guaranteed.

Information on safety	The information provided in the current safety data sheet applies.
Transportation	Not a hazardous material
Giscode	M-SF01 silicone resin paints, water soluble, active substances

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The above information is based on many years of experience and tests and is provided by us to the best of our knowledge. Such information applies in addition to our application guidelines. However, we cannot accept any responsibility for the correctness of our recommendations on account of wide variety of substrates and of on-site conditions and applications which are outside our control. Any recommendations provided by our employees and deviating from these documents must be given in writing. We reserve right to make any changes on account of technical progress or building regulations. Your technical advisor will be pleased to provide the relevant product data sheets.

