

Alsilite Sc Carbon T

Silicone resin lightweight render with scraped 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
- Low material consumption
- Extremely easy to apply
- High mechanical load capacity
- High colour stability
- High level of protection against microbial infestation
- With encapsulated film protection
- Highly water-repellent
- Highly water-vapour permeable
- Also possible without additional coating for light reflectance value ≥ 20

TECHNICAL DATA

Indicated fixed values represent average values, which can slightly vary from delivery to delivery due to the application of natural raw materials.

Binder base	Silicone resin emulsion Acrylic resin dispersion
Specific gravity	approx. 1,2 g/cm ³
Diffusion-equivalent air-layer thickness	S _d according to DIN EN ISO 7783: Grain size 1.0 mm: approx. 0.10 m; class V ₁ (high) according to DIN EN 1062 Grain size 2.0 mm: approx. 0.12 m; class V ₁ (high) according to DIN EN 1062 Grain size 3.0 mm: approx. 0.14 m; class V ₂ according to DIN EN 1062
Water permeability	w: approx. 0,06 kg/(m ² h ^{1/2}) according to DIN EN 1062

Class W₃ (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>We recommend a priming coat with Primer SC, to improve workability before applying the decorative render.</p>
Mixing	<p>Ready to use.</p> <p>Can be adjusted to a workable consistency with a max. of 2 % water.</p>
Application	<p>Apply in grain size with a rustproof steel trowel and after a brief period, spread with a plastic trowel using circular motions.</p> <p>Complete contiguous surfaces without any stopping (to avoid seams in the textured coating).</p> <p>Divide large facades into sections, apply continuously wet-on-wet and texture.</p> <p>Alsicolor Carbon must be coated with at least two coats [*] after drying, for light reflectance values below 20.</p>
Consumption	<p>Grain size 1,0 mm approx. 1,6 kg/m²</p> <p>Grain size 2,0 mm approx. 2,2 kg/m²</p> <p>Grain size 3,0 mm approx. 2,7 kg/m²</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>Do not apply in direct sunlight.</p> <p>Observe shorter setting time in the case of wind.</p> <p>If it cannot be ensured that the minimum application temperatures are adhered to, there is the option of using alternative products for autumn weather conditions.</p> <p>Please request advice regarding more information on this product group.</p>
Drying time	<p>approx. 1 - 2 days</p> <p>Dependent on temperature, layer thickness and relative humidity.</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. Use material from one batch number for pigmented materials or contiguous surfaces.
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.

