

Silitect T - ice

Fast-setting silicone-resin decorative render with scraped finish - winter product

Areas of application For plaster systems on mineral-based wall and ceiling areas in external applications.
Can be used in conjunction with alsecco external wall systems, supplemented to cater for the requirements made of a product with winter formulation.

Product properties

- Does not contain any solvents, glycol or alcohol
- Can be applied at temperatures between + 1 and + 15 °C
- Fasthardend if enough air motion and relativ humidity until 95 %
- High level of protection against attack by micro-organisms
- Water-repellent to DIN 18550
- Weather-resistant
- Water-vapour permeable
- No equalizing coat required
- Highly resistant to mechanical stress
- Various design options as a result of different particle sizes
- Flexible
- Easy application
- Wide range of colours
- Proof against driving rain

Technical data	Binder base	Silicone-resin emulsion Acrylic-resin dispersion
	Specific gravity	approx. 1,8 g/cm ³
	Diffusion-equivalent air-layer thickness (3 mm)	s _d : approx. 0,4 m to DIN EN ISO 7783 Guaranteed limit: s _d ≤ 2,0 m
	Water permeability	w: approx. 0,14 kg/(m ² h ^{1/2}) to DIN EN 1062 Guaranteed limit: w ≤ 0,5 kg/(m ² h ^{1/2})

Application instructions

Preparation

- Use masking tape to cover window sills and mounted parts.
- Apply a first coat of plaster to window soffits.

Application instructions	Substrate pre-treatment	<ul style="list-style-type: none"> - All substrates must be sound, even, clean, dry and free from adhesion-reducing residue. - For easier application, we recommend applying a coat of Top Primer Sc before applying the decorative plaster. - Prime dusting renders MG PII, PIII with Alsicolorgrund W. 					
	Mixing	<p>Ready for application</p> <p>Mix thoroughly before application.</p> <p>Can be adjusted to correct consistency for application with 2 % water max.</p>					
	Application	<ul style="list-style-type: none"> - Use a stainless steel trowel to apply at particle thickness and after a short interval smooth over with a circular motion using a plastic trowel. - Complete continuous surfaces without interruption (to avoid application marks in the textured layer) - When working on large facades, divide them up into sections, apply the material continually wet in wet and texture. - It is possible to apply winter products and standard products to the same building, but not to have them adjoining in one area. 					
	Consumption	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Particle size 1.5 mm</td> <td style="width: 30%;">approx. 2,4 kg/m²</td> </tr> <tr> <td>Particle size 2.0 mm</td> <td>approx. 3,1 kg/m²</td> </tr> <tr> <td>Particle size 3.0 mm</td> <td>approx. 4,1 kg/m²</td> </tr> </table> <p>Determine the exact amount of material required by coating a test area on site.</p>	Particle size 1.5 mm	approx. 2,4 kg/m ²	Particle size 2.0 mm	approx. 3,1 kg/m ²	Particle size 3.0 mm
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Particle size 3.0 mm	approx. 4,1 kg/m ²						
Interval	<p>Depending on the weather conditions the next coat can be applied after approx. 1 - 2 days</p> <p>At unfavourable weather conditions, for example high humidity, even longer.</p> <p>The necessary drying time is greatly dependent on temperature, humidity, air movement and sunlight. It may decrease under favourable drying conditions, but can also extend to several days if conditions are not favourable, e.g. during periods of high humidity.</p>						
Cleaning of tools	With water while product is still fresh						
Application by machine	Please ask for our special information sheet on machine application.						
Packaging	Packaging unit	PP tub approx. 25 kg net					
	Colour	<p>White and pigmented</p> <p>Use material with the same batch number when applying pigmented materials or coating continuous surfaces.</p>					

Other information	Transport	Not a hazardous product
	Storage	Storage life approx. 3 months if kept cool, protected against frost and in the original sealed packaging.
	Information on safety	We will be pleased to provide the EC safety data sheet on request.

The product provides a high level of protection against attack by micro-organisms, but we cannot guarantee the permanent absence of any infestation.

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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.

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