

Silitect R

Decorative silicone-resin plaster with grooved finish

Areas of application	For plaster systems on mineral-based wall and ceiling areas in internal and external applications. Can be used in conjunction with alsecco external wall systems.	
Product properties	<ul style="list-style-type: none"> ■ Highly water-repellent to DIN 18550 ■ Weather-resistant ■ Highly water-vapour permeable ■ No equalizing coat required ■ Highly resistant to mechanical stress ■ Various design options as a result of different particle sizes ■ Additional fungicidal formulation is possible ■ Highly flexible ■ Easy application ■ Wide range of colours 	
Technical data	Binder base	Silicone-resin emulsion Acrylic-resin dispersion
	Specific gravity	approx. 1,75 g/cm ³
	Diffusion-equivalent air-layer thickness (3 mm)	s _d : approx. 0,18 m to DIN 52615 Guaranteed limit: s _d ≤ 2,0 m
	Capillary water absorption	w: approx. 0,13 kg/(m ² h ^{0,5}) to DIN 52617 Guaranteed limit: w ≤ 0,5 kg/(m ² h ^{0,5})
Application instructions	Preparation	<ul style="list-style-type: none"> - Use masking tape to cover window sills and mounted parts. - Apply a first coat of plaster to window soffits.
	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. - A coat of Top Primer Sc is required when decorative plaster with fungicidal additives is used on fresh substrates containing cement or lime.

Application instructions	Substrate pre-treatment	Pre-treat the substrates as detailed below:	
		Substrate	Treatment
		Plasters MG PII, PIII, surface releasing sand	Alsicolor Primer W
		Plasters MG PIV	Alsicolor Primer W
	Fibre-cement boards	Alsicolor Primer W	
Mixing	Ready for application		
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, vertical or horizontal 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. 		
Consumption	Particle size 1.5 mm	approx. 2,5 kg/m ²	
	Particle size 2.0 mm	approx. 3,2 kg/m ²	
	Particle size 3.0 mm	approx. 4,2 kg/m ²	
	Particle size 4.0 mm	approx. 4,7 kg/m ²	
	Determine the exact amount of material required by coating a test area on site.		
Information about the weather	<p>The temperature must not fall below + 5 °C during application and drying.</p> <p>Do not apply in direct sunlight.</p> <p>Please note that the setting time is reduced in windy conditions.</p>		
Drying time	<p>approx. 1 - 2 days</p> <p>Dependent on temperature, layer thickness and relative 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	Article number	Particle size 1.5 mm:	01088
		Particle size 2.0 mm:	01089
		Particle size 3.0 mm	01091
		Particle size 4.0 mm	01097
Packaging unit	PP tub 25 kg net		

Packaging	Colour	White and pigmented Use material with the same batch number when applying pigmented materials or coating continuous surfaces.
Other information	Transport	Not a hazardous product
	Storage	Minimum storage life of 1 year 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.