

Alsitect R

Decorative silicate plaster with grooved finish

Areas of application

Silicate-based mineral decorative plaster to DIN 18 550 with grooved finish.
For mineral-based wall and ceiling areas in internal and external applications.
Can be used in conjunction with alsecco external wall systems.

Product properties

- Weather-resistant
- Water-repellent to DIN 18550
- Highly water-vapour permeable
- Wide range of colours
- Highly resistant to mechanical stress
- Easy application
- Various design options as a result of different particle sizes

Technical data

Binder base	Silicate of potassium Acrylic-resin dispersion
-------------	---

Specific gravity	approx. 1,9 g/cm ³
------------------	-------------------------------

Diffusion-equivalent air-layer thickness (3 mm)	s _d : approx. 0,1 m to DIN 52615 Guaranteed limit: s _d ≤ 2,0 m
---	---

Capillary water absorption	w: approx. 0,12 kg/(m ² h ^{0,5}) to DIN 52617 Guaranteed limit for each: w ≤ 1,0 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. - Carefully cover glass, ceramics, brick slip, natural stone, varnished and anodized surfaces.
-------------	---

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 Si before applying the decorative plaster.
-------------------------	--

Application instructions	Substrate pre-treatment	Pre-treat the substrates as detailed below:	
		Substrate	Treatment
		Plasters MG PII, PIII, surface releasing sand	Sub Primer Si
		Fibre-cement boards	Sub Primer Si
		Plasters MG PIV	Sub Primer Si
	Mixing	Ready for application Can be adjusted to correct consistency for application with 1 % water max.	
	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. 2,7 kg/m ²
		Particle size 2.0 mm	approx. 3,5 kg/m ²
		Particle size 3.0 mm	approx. 4,5 kg/m ²
		Determine the exact amount of material required by coating a test area on site.	
	Information about the weather	The temperature must not fall below + 8 °C during application and drying. Do not apply in direct sunlight. Please note that the setting time is reduced in windy conditions.	
	Drying time	approx. 12 - 48 hours Dependent on temperature, relative humidity and volume applied	
	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:	01069
		Particle size 2.0 mm:	01070
		Particle size 3.0 mm:	01071
	Packaging unit	PP tub 25 kg net	

Packaging	Colour	White and pigmented Use plaster with the same batch number when applying pigmented materials or coating continuous surfaces. When using pigmented products we therefore recommend applying a coat of Equalizing Finish.
	Transport	Not a hazardous product
Other information	Storage	Minimum storage life of 1/2 year if kept cool, protected against frost and in the original sealed packaging.
	Information on safety	S 2: Keep away from children S 23: Do not breathe aerosol S 24/25: Avoid contact with the skin and eyes S 29: Do not empty into drains We will be pleased to provide the EC safety data sheet on request.