

Siliconharzputz T

Silicon resin renders with scraped finish



AREAS OF APPLICATION

Paste-like render finish according to DIN EN 15824 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 Quattro.

PRODUCT PROPERTIES

- Extremely easy to apply
- High mechanical load capacity
- High level of protection against microbial infestation
- With encapsulated film protection
- Highly water-repellent
- Water-vapour permeable
- Also possible without additional coating for light reflectance value ≥ 20
- A2-s1, d0 (fireproof) according to DIN EN 13501

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. 1,8 g/cm ³
Diffusion-equivalent air-layer thickness	s_d according to DIN EN ISO 7783: Grain size 1 mm: approx. 0,11 m; Class V ₁ (high) according to DIN EN 1062 Grain size 3 mm: approx. 0,20 m; Class V ₂ according to DIN EN 1062 Grain size 6 mm: approx. 0,29 m; Class V ₂ according to DIN EN 1062
Water permeability	w: approx. 0,07 kg/(m ² h ^{1/2}) according to DIN EN 1062 Class W ₃ (low) according to DIN EN 1062



FASSADENKOMPETENZ

Fire behavior A2-s1, d0 according to DIN EN 13501

APPLICATION INSTRUCTIONS

Preparation	Mask window sills and attachment parts. First, render the reveals.
Substrate pre-treatment	All substrates must be stable, level, clean, dry and free of any residue, which can reduce adhesiveness. If applicable, the stability of substrates can be ensured by applying suitable primers. We recommend a priming coat with Primer SC, to improve workability before applying the decorative render.
Mixing	Ready to use. Can be adjusted to a workable consistency with a max. of 2 % water.
Application	Apply in grain size with a rustproof steel trowel and after a brief period, spread with a plastic trowel using circular motions. Complete contiguous surfaces without any stopping (to avoid seams in the textured coating). Divide large facades into sections, apply continuously wet-on-wet and texture. Applying Alsicolor Carbon significantly reduces the risk of microbial infestation. For light reflectance values below 20, the render must be coated with at least two coats of a suitable alsecco paint or varnish system after drying, preferably Alsicolor Carbon or Alsicolor Sc.
Consumption	Grain size 1,0 mm approx. 1,7 kg/m ² Grain size 1,5 mm approx. 2,4 kg/m ² Grain size 2,0 mm approx. 3,1 kg/m ² Grain size 3,0 mm approx. 4,0 kg/m ² Grain size 4,0 mm approx. 5,5 kg/m ² Grain size 6,0 mm approx. 6,0 kg/m ² Determine the precise material requirements by means of a trial coating on the object.
Information about the weather	There cannot be temperatures below + 5 °C during application and drying. Do not apply in direct sunlight. Observe shorter setting time in the case of wind. 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. Please request advice regarding more information on this product group.
Drying time	approx. 1 - 2 days Dependent on temperature, layer thickness and relative humidity.
Cleaning of tools	In a fresh state with water.
Application by machine	Please request special information regarding machine processing.

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. 25 kg net Disposable container alsecco one-way approx. 1000 kg net (grain size 1.5 mm, 2.0 mm, 3.0 mm)

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-SF01F 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.

