

Siliconharzputz T X-press

Silicon-resin decorative render with scraped finish for cold and wet weather conditions



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. Especially for wet and cold weather conditions.

PRODUCT PROPERTIES

- Application possible up to ≥ 1 °C
- 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
- Water-vapour permeable
- Also possible without additional coating for light reflectance value ≥ 20
- A2-s1, d0 (non-combustible) according to DIN EN 13501-1

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
Density	approx. 1,8 g/cm ³
Adhesive pull strength	$\geq 0,08$ N/mm ² according to DIN EN 1542
Diffusion-equivalent air-layer thickness	$s_d < 1,4$ m according to DIN EN ISO 7783 Class V ₂ (medium) according to DIN EN 15824

Water permeability	w: $\leq 0,1 \text{ kg}/(\text{m}^2\text{h}^{1/2})$ according to DIN EN 1062-3 Class W ₃ (low) according to DIN EN 15824
Fire behavior	A2-s1, d0 according to DIN EN 13501-1

APPLICATION INSTRUCTIONS

Preparation	Mask window sills and connecting parts. Reveals to be rendered first.
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. Do not use on moist substrates. Ensure that mineral and organic plastering is sufficiently dried and set. We recommend a priming coat with Primer X-press, to improve workability before applying the decorative render.
Mixing	Ready to use Mix thoroughly before application. Can be adjusted to a workable consistency with a max. of 0,2 % water per container.
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. 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 X-press or Alsicolor Sc X-press.
Consumption	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 Determine the precise material requirements by means of a trial coating on the object.
Weather conditions	The undercoat render must have sufficiently dried. While doing this work, the temperature must be above 0°C and may not exceed 15°C. 6 h after application, the temperature can fall below the freezing point and fall down to -5°C. There must be air movement for drying to advance sufficiently and the humidity must be less than 90%. Drying is not possible at a relative humidity of > 95 %. Do not use in direct sunlight and strong air movement. If there is strong air movement on the component surface at the time of application and drying, there is a risk of shrinkage cracks and pores forming in the upper plaster. In the case of wind, please observe the shorter setting time.

Waiting period	Depending on the weather conditions, reworkable with after approx. 1 - 2 days. The necessary drying time depends strongly on temperature, humidity, air movement and solar radiation. It can be shortened under favourable drying conditions, but can be extended to several days under unfavourable conditions, e.g. high humidity. Allow for sufficient drying times, e.g. in the event of night frost, and complete plastering work in good time. In case of unfavourable weather conditions, take suitable measures to protect the treated façade surfaces.
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 approx. 3 months when kept cool and protected against frost.

PACKAGING INFORMATION

Color	White and pigmented. Use material from one batch number for pigmented materials or contiguous surfaces.
Packaging unit	PP bucket approx. 25 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
Plaster code	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.

