

SILIKON FASSADENPUTZ

Silicone protective render for façades

COLOR MIX



PRODUCT DESCRIPTION

TITANIUM SILIKON FASSADENPUTZ is a silicone render for the decoration and protection of façade surfaces with excellent water-vapour permeability, which prevents moisture from accumulating in the building. Thanks to its technical properties, the render offers outstanding water-vapour permeability, good water resistance and resistance to soiling, weathering and radiation. The render regulates moisture naturally and prevents the formation of micro-organisms. The product is available in a wide selection of shades according to the Titanium colour chart.

SUBSTRATE PREPARATION

The surface to which the render is applied must be flat, clean, firm, dry, load-bearing and free from loose particles. If the substrate is damp, repair the damage or apply an insulating layer to prevent the ingress of water. At least 24 hours before application, the substrate should be coated with base render (temperature 20 °C, relative humidity ≤ 65 %) in order to obtain a uniform and saturated surface. The primer should have the same shade as the render.

PRODUCT PREPARATION

Mix SILIKON FASSADENPUTZ thoroughly down to the bottom of the bucket. Combine several buckets in a larger container and mix in order to obtain a uniform mass and colour. To adjust the consistency, add a maximum of 250 ml of clean water per 25 kg of product if required. Subsequent addition of water or pigments is not permitted.

APPLICATION

Apply the render with a steel trowel to the thickness of the grain size. After application, smooth with a plastic float in order to close the gaps between the grains and to achieve the desired texture. The façade system must have a slope in order to ensure complete protection against moisture. Do not use on horizontal surfaces or roofs. Work evenly and without interruption in order to avoid uneven shades. The render is surface-dry after approximately 6 hours; weather resistance is reached after at least 24 hours.

APPLICATION CONDITIONS

Standard parameters: temperature 20 °C, relative humidity ≤ 65 %, temperature during application: 5–30 °C. Adaptation to different weather conditions is required. Protection from sun and wind can be provided by façade nets, but these are not sufficient under extreme conditions.

TOOLS

For mixing: electric or manual mixer. For application and smoothing: steel trowel and plastic float.

CONSUMPTION

Approx. 3.0–3.5 kg/m², depending on grain size and façade type.

STORAGE AND SHELF LIFE

Store the product in the original packaging on pallets in dry areas, protected from snow, rain, hail and direct sunlight. Storage temperature: +5 °C to +30 °C. Protect from frost and weathering.

PRODUCT SAFETY

The product is not classified as hazardous.

PRODUCT DATA

Colour: white, can be tinted according to the Titanium colour chart. Packaging: 25 kg plastic bucket. Shelf life: 12 months from the date of manufacture.

ADDITIONAL INFORMATION

Technical documentation and the safety data sheet are available on the official website: www.titanium-baustoffe.de

TECHNICAL DATA

Base	Silicone
Colours	White and selected colours (Titanium Color Mix)
Dust-dry	After 6 hours
Application conditions	Standard parameters: temperature 20 °C, relative humidity ≤ 65 %, application temperature: 5–30 °C.
Water-vapour permeability	V1 – high
Capillary water absorption	W2 – medium
Adhesion	1.21 N/mm²
Thermal conductivity	0.65 W/(m·K)
Packaging	25 kg
Shelf life	12 months from date of manufacture

DECLARATION OF PERFORMANCE



TITANIUM
EN 15824:2017

Manufacturer: REFIX SH.P.K. RKS
DOP -203-1/08.12.2025
Standard: EN 15824:2017

TITANIUM-SILIKON FASSADENPUTZ

Tensile adhesion strength	≥ 1.21 N/mm²
Water absorption	W2 – Medium
Water-vapour permeability	V1 – High
Thermal conductivity	0.65 W/m·K