



Stainer SILIKON

Silicone paint

- Great hiding power
- Breathable
- Resistant to weather conditions
- Resistant to microbiological infestation

PRODUCT DESCRIPTION

The **Stainer SILIKON** is an exterior dispersion paint with high-quality fillers and chemicals. It offers a great hiding power and reflects the texture of the background really well. The paint forms a smooth, matte coat with no wrinkles or cracks that is resistant to water cleaning and dry wiping. The **Stainer SILIKON** is breathable and does not fade. It is resistant to weather conditions and any type of aggressive substances in the substrate and the natural environment. The **Stainer SILIKON** is intended for cement, cement sand, thin mineral, and dispersion renders. It can also be applied to concrete, gypsum, drywall, and asbestos cement backgrounds. The paint covers untreated brick, block, hollow brick, and other clay or sand-lime materials. The **Stainer SILIKON** is particularly recommended for residential, public, and industrial building elevations. Thanks to its great hiding power, the **Stainer SILIKON** exterior paint can be used as the first coating and for renovation. It provides protection and decorative value. The **Stainer SILIKON** exterior paint can be used indoors and outdoors. The **Stainer SILIKON** is recommended for the **Stainer STS** and **Stainer STW** external wall insulation systems.

Conforms to ETA-21/0304 and ETA-20/0850. Declarations of Performance STS-ETA/2021 and STW-ETA/2021.

SUBSTRATE PREPARATION

The substrate should be dry, stable, and sound. That is, it should be strong enough and free of any layers that could decrease adhesion, such as with dust, dirt, wax, or grease. Thoroughly remove old paint and other poorly adhesive layers. Repair and fill in minor damage (cracks or gaps). Substrates, particularly those with significant absorption, should be primed with the **Stainer TG**. Even out absorption with **Stainer UG**. Renders can be painted when completely dry, not sooner than: for Stainer mineral renders 4 – 6 weeks, for Stainer silicone renders 7 days. Fresh cement sand renders should be cured for 3 – 4 weeks, gypsum renders, 2 – 3 weeks.

PRODUCT PREPARATION AND APPLICATION

The **Stainer SILIKON** exterior paint is delivered ready to use. Do not mix it with other materials. Make sure to stir the paint before use to ensure homogeneous consistency. The preferred method is a low-speed mixer with a mixing paddle. For the first, undercoat, layer, on textured render, the paint can be diluted by adding up to 0.4 l of water to a 10 – litre container. The **Stainer SILIKON** should be applied to prepared and cured substrates as a thin and even layer with a roller, brush or sprayed. It can be applied once or twice depending on the absorptiveness of the substrate. It is advisable to dilute the paint as prescribed above when applying the first, undercoat, layer to textured renders.

It is recommended to dilute the paint as prescribed below for textured renders. Apply the same dilution ratio for the entire painted area. Apply another layer after the previous one is completely dry (at least 6 hours). Apply it crosswise and maintain the same application direction for the entire layer. Always use undiluted paint for the topcoat. Plan process breaks ahead of time at corners, angles, colour interfaces, and so on. A single surface should be coated in one go (wet on wet) without interruptions. Apply the **Stainer SILIKON** at + 5°C to

+ 25°C ambient, substrate, and material temperature. Protect the painted surface during work and drying from direct sunlight, wind, and precipitation. The drying time of 3 – 6 hours depends on the substrate, temperature, and relative air humidity. Make sure to use the same batch number specified on the packaging on a given surface. Application in different humidity and temperatures may result in different colours. Texture may affect the shade.

Any design and installation works should follow general construction practices found in ITB's instructions.

Conform to OSH regulations.

CONSUMPTION

A single layer on a smooth substrate consumes approx. 1 litre of the paint per 8 – 10 m². The actual consumption depends on the thickness of the layer, absorption and texture of the background, and the application method. It is recommended to determine consumption by trial. For rough surfaces, such as renders, coverage is 4.5 – 5.0 m²/l.

TOOL CLEANING

Clean tools with water immediately after use.

PACKAGING

5 and 10 – l plastic buckets. Pallet: 5 l – 72 pcs.; 10 l – 44 pcs. Only completely empty containers can be recycled.

STORAGE

Store and transport the paint in sealed buckets, in a dry place at + 5°C to + 25°C. Do not overheat. Seal opened containers. The shelf life is 24 months from the date of manufacture on the container.

SUPERVISION

The product quality is monitored by the Production Facility laboratory in accordance with the applicable reference documents and in-house quality control procedures.

SAFETY GUIDELINES

Avoid skin and eye contact. Wear protective clothing (gloves, protective glasses). Rinse thoroughly after contact with skin/eyes. Seek medical attention if necessary. Do not dispose of unused paint into the environment.

SPECIFICATION

Adhesion (PN-80/C-81531)	1
Substrate and ambient temperature during application	+ 5°C to + 25°C
Temperature resistance	up to + 60°C
Density	approx. 1.49 g/cm ³
Polish classification of goods and services	20.30.11.0
VOC acc. to Directive 2004/42/EC 30 g/l (2010)	less than 30 g/l

ADDITIONAL INFORMATION

The information above is the product description. It should be considered general guidelines based on our research and practical experience, which does not take into account requirements related to a specific application.

Therefore, it is recommended to test the product first. Product parameters may slightly change within the declared product class, which does not impact the performance and work with the product. The information provided may not be ground for any compensatory claims.

This data sheet replaces all previous ones. Reference documentation for the product is available at www.stainer.pl

REFERENCE DOCUMENTS

The **Stainer SILIKON** conforms to:

European Technical Assessment ETA-21/0304

Declaration of Performance: STS-ETA/2021

Manufacturing Quality Control Certificate 1487-CPR-168-02 issued by the Łukasiewicz Research Network, Kraków

European Technical Assessment ETA-20/0850

Declaration of Performance: STW-ETA/2021

Manufacturing Quality Control Certificate 1487-CPR-168-01 issued by the Łukasiewicz Research Network, Kraków