



FAST SI-SI



siloxane facade paint with high resistance to dirt

APPLICATION

FAST SI-SI is a high-quality, water-based matte siloxane paint, intended for permanent outdoor coating on any construction surfaces, such as: cement-lime plaster, cement and polymer-mineral, dispersion, concrete, sandstone, brick, etc. It is only suitable for outdoors.

PROPERTIES

FAST SI-SI is based on a binder in the form of a water acrylic-styrene dispersion and a siloxane emulsion, creating a coating highly bound to the surface. FAST SI-SI contains an aqueous siloxane emulsion, which gives the coating an anti-dew effect due to surface hydrophobization, significantly reducing its wettability, i.e. water penetration with substances dissolved in it.

It inhibits the penetration of dirt carried mainly with water and the growth of microorganisms such as algae and fungi. The end result is a reduced susceptibility to staining, giving the coating a self-cleaning effect and excellent resistance to weather conditions. It can be dyed to the desired color according to **FAST COLOR SYSTEM**. It contains agents eliminating the growth of algae and fungi on the surface covered with paint.

SUBSTRATE PREPARATION

The surface must be clean, dry, free of grease and dust. Scratches and defects must be repaired and filled. The paint should be applied on strong, compact surfaces. The surfaces to be painted should be thoroughly dusted and then washed with water. Rinse off any loose surfaces, and then apply the concentrate after priming with **FAST GRUNT G**. Absorbent surfaces must be primed with **FAST GRUNT U**.

The paint can be used on the following surfaces:

- cement and cement-lime plasters (after a minimum of 28 days from their application and the humidity not higher than 4%)
- concrete (after a minimum of 28 days from their application and the humidity not higher than 4%)
- thin-layer mineral or polymer-mineral FAST plaster (after a minimum of 28 days from its application)
- old thin-layer plasters - thoroughly cleaned and primed with FAST GRUNT G preparation, it is recommended to carry out load capacity (adhesion) tests before starting painting
- reinforced layer in the FAST W-G garage system

CAUTION

In the case of using paints with very intense colors, due to their reduced coverage ability, the use of FAST GRUNT W base paint is required in a shade similar to the color of the paint prior to the painting.

PREPARATION AND USE

FAST SI-SI is supplied ready to use but must be mixed thoroughly before use. When applying the first layer it is possible to thin the paint, if necessary, to a maximum of 2%. Apply the second layer without thinning. The paint can be applied with a roller, spray or possibly with a brush. When applying and drying the paint, observe the appropriate weather conditions, i.e. surface and ambient temperature from +8°C to +25°C, no strong sunlight, no rain or too high relative air humidity above 75%. The drying time of one layer at the optimum temperature of

+20°C is about 2 hours. It is recommended to apply the subsequent layers after at least 4 hours. Follow the general technique of painting with wall paints. The paint coating acquires its full functional properties after complete hardening, i.e. after 28 days from the end of painting works.

Additional application guidelines:

- Before the application, the color should be confirmed as ordered. Once the product has been applied, color claims will not be considered.
- In order to avoid differences in shades on one architectural surface, works should be carried out without interruptions, using packages with paint of the same production batch, previously mixed with each other in a large caster.
- Protect the paint from unfavorable atmospheric phenomena until it is completely dry
- Follow the general technique of painting with facade paints.

In the case of using paints with very intense colors, due to their reduced coverage ability, the use of **FAST GRUNT F** base paint is required in a shade similar to the color of the paint prior to the painting.

Parameters of airless spray based on the WAGNER - ProSpray 3.23 device

- nozzle diameter 519-521
- pressure 190-220
- bar mesh filter 50
- thinning max. up to 2% with the first layer

FACADE PAINT
LAST ACTUALISATION: 2022-11-28



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TECHNICAL DATA

Base unit	liter
Base	water acrylic-styrene dispersion and siloxane emulsion with fillers and pigments
Density	about 1,5 kg/m ³
Drying time	from 2 hours
Drying time of the first layer	about 4 hours
Usage	after min. 24 hours
Substrate and ambient temperature	from 5 °C to 25 °C
Relative diffusion resistance sd	max 0,14 m
Water absorption w24	$\geq \text{kg/m}^2 \leq 0,1 [\text{W3}] \text{ kg/m}^2$

USE

Depending on the type of substrate, Fast SI-SI consumption is from 0.1 to 0.2 l / m².

PACKAGING

bucket	4 l
bucket	10 l

NORMS

The product complies with the European Technical Approval: ETA-14/0464 It has ETA compliance certificate: 1020-CPR-020-032349 Product compliant with the ITB Technical Approval: AT-8869/2012 + Annex 1 It has the compliance certificate: ITB-526/Z Compliance with the standard: PN-C-81913:1998 and PN-EN 1062-1:2005

Component of the ETICS FAST S and FAST W-G insulation systems.

VOC content limit (cat. A/c/FW):40g/l(2010) The product contains max. 21.5 g/l VOC

STORAGE

Store in factory-sealed packages, in dry rooms at a temperatures above +5°C.

NOTES / ADDITIONAL COMMENTS

The scope of the product application recommended and specified in the product sheet or the manner of its execution does not release the contractor from carrying out works in accordance with the construction practice and health and safety rules. P.W. FAST guarantees and is responsible for the quality of the product, but has no influence on the method of its application and the conditions in which it was applied. All the technical data were measured under normal conditions, i.e. temp. +20°C and air humidity 60%. Under conditions other than the above, the drying time may change, i.e. it may be extended or shortened.

This sheet replaces all previous versions.

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WARNING

While working, avoid direct contact with the skin and protect the eyes. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice. Rinse soiled skin immediately with plenty of water. Keep away from children.