

# FAST<sup>®</sup> Kornik SI

## Thin-layer silicone render



The product is a component of ETICS FAST SA.



### USE

**FAST KORNİK SI** (grated structure) is thin-layer structural oxosilane render designed for manual preparation of decorative external and internal plaster coatings. It can be applied on any mineral substrates, provided it is adequately even and structurally sound (cement plaster, cement-lime plaster, concrete, a reinforced coat insulated in the **ETICS FAST SA**).

### PROPERTIES

**FAST Kornik SI** is a ready-to-use product made on the base of acrylic-styrene dispersion with oxosilane emulsion delivered in a form of a paste. It is breathable and hydrophobic, characteristic for its high resistance to air pollution, great fastness and washability. The applied render has a lower level of water penetration, it prevents from dirt carried with water and fungi and mould development. The render provides a very low tendency to dirt and high resistance to weather conditions.

The render contains organic agents that reduce fungi and mould development on render surface.

### SUBSTRATE PREPARATION

The base should be even, structurally sound and dry, without any impurities decreasing its adherence such as dust, lime, or remains of previous paint coats. In order to decrease the absorptivity the base should be primed with one of **FAST** products. In order to increase render adherence, independently of the base type, before applying the render, prime the base with **FAST GRUNT M**. It is advisable to use a primer colour that matches colour of the render.

The render may be applied on the following substrates:

- traditional cement plaster (min. 28 days after applying, humidity above 4%) primed with **FAST GRUNT M**
- concrete (min. 3 months after applying, humidity above 4%) primed with **FAST GRUNT M**
- gypsum (humidity <1%) primed with **FAST GRUNT G** and **FAST GRUNT M**
- reinforced layers in the thermal insulation systems with mesh, on **FAST SPECJAL** adhesive, primed with **FAST GRUNT M** 3 days after applying.

### INSTRUCTIONS

Before starting to apply the plaster, the contents of each package should be mixed using a float made of plastic with circular moves to make the consistence even. About 100 to 150 g of water may be added if the mass is too dry.

Apply a thin, grain-thick coat of plaster with a stainless steel trowel onto a previously, adequately prepared and primed base. Then, after a short while, depending on the conditions during plastering, we can proceed to make patterns with a plastic float. The plaster should be float finished (floated) with circular movements. When plastering, follow the general principle of applying "wet on wet" method.

It is possible to decrease time and lower the costs of application using mechanical method of applying the render. More data concerning the method is to be found on [www.fast.zgora.pl](http://www.fast.zgora.pl) or at local distributors.

The tools and the container must be clean. Also, when plastering, be careful about the proper weather conditions, which means, avoid great sun exposure, rain and too much humidity. The temperature should be from +5°C up to 25°C. The time for the coat to dry up is from 12 to 48 hours. Materials bearing different production numbers should be mixed together in order to avoid a difference in colour shades.

Additional practical tips:

In order to avoid shade differences on one substrate it is advisable to mix different buckets' content together.

**After application of the render on the substrate it should be protected from unfavourable weather conditions with protective nets.**

### CONSUMPTION

approximately **2,80 /m<sup>2</sup>** at the grain thickness of **2 mm**.  
approximately **3,20 /m<sup>2</sup>** at the grain thickness of **3 mm**.



### TECHNICAL SPECIFICATIONS

Base:	water acrylic-styrene dispersion with oxosilane emulsion, mineral fillers and pigments
Density:	ca. 1,80 kg/dm <sup>3</sup>
Open time:	ca. 20 minutes
Drying time:	from 12 to 48h
Diffusion resistance:	max. 0,3m
Substrate temperature:	from +5°C to +25°C
Saturation w <sub>s</sub> :	≥ 0,5 kg/m <sup>2</sup>
VOC content:	Below 30g/l

### STORAGE

Store in a manufacture (originally) closed packages in a dry room at the temperature of +5°C up to 25°C. Suitability for use: 12 months.

### PACKAGES

Plastic buckets of 15 kg.  
Pallets of 660 kg in 15 kg buckets (44 items).

### STANDARDS / NORMS

The product has been given **EC Technical Approval ETA-09/0378**, and **ETA Certificate of Conformity: 1020-CPD-020023675**. It has a valid Certification of Hygiene.

The product is a component of **ETICS FAST SA**.

### NOTE

The information comprises basic instructions of product application and do not relieve users of responsibility for work in accordance with good construction practice, method of thermal insulation work and OHS regulations. P.W. FAST guarantees and shall be liable for the product quality, however it cannot control methods in which the product was used and under what conditions.

All technical data was measured in an average conditions: +20°C of air temperature and 60% of humidity. In case of other conditions the drying time may vary.

### CAUTION

Protect skin, eyes and respiratory tract. Keep away from the reach of children. In case of contact with eyes, immediately rinse with plenty of water and seek medical attention. In case of ingestion, immediately seek medical attention and show the packaging or label.