



TIKKURILA FINNGARD SILICATE SOLID

- DESCRIPTION** Silicate, waterborne paint for facades. For use on traditional lime-cement and lime plasters, thin-layer silicate and mineral-polymer plasters, sand-lime bricks as well as concrete surfaces and for renovation of silicate or lime paint coatings.
- RECOMMENDED USES** Perfect for renovation of mineral wool insulation systems and on weaker substrates. The product is suitable for use inside the building.
- PRODUCT FEATURES**
- It creates extremely durable Coatings thanks to the ability to bind to the substrate, preserves color and protective properties for many years.
 - Increase safety – non-flammable, A1 classification acc. to norm PN-EN13501-1
 - Ideal for application on „fresh“ mineral plasters.
 - Allows removal of moisture from the wall – a vapor-permeable coating.
 - Highly resistant to fungi, molds and algae.



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TECHNICAL DATA

Base paints	SA BASE, SC BASE
Colour Shades	Base SA and SC. The colors from the Tikkurila Facade 760 colour card and selected colors from the NCS and RAL. It is recommended to perform the appropriate color sample on the area. 1-2 m ² . When choosing colors for facades, especially those exposed to intense sunlight, which can significantly heat up the surface recommend the use of color with a higher reflectance. We recommend the use of color whose reflectivity is greater than 20%. Light reflectance values are given in the Tikkurila " Facade" colour card.
Gloss	Full matt.
Coverage	3-5 m ² /l per one coat, depending on the absorbency and structure of the substrate, application method and painting tool used. Attempt to determine the performance for a given substrate. Make test painting in order to determine the coverage of the substrate.
Can sizes	SA BASE: 2.7 l, 9 l SC BASE: 2.7 l, 9 l
Application method	Roller, spray or brush.
Drying time (23°C and 50% relative air humidity)	In temperature +23 ±2°C, and relative air humidity 50 ±5%, the surface is dry in 12 hours. Apply next coat after min. 12 hours. The drying times and recoating depends on film thickness, temperature, relative humidity during painting
Density (kg/l)	Approx. 1,4kg/l acc. EN ISO 2811-1:2012P
Water vapour resistance (EN ISO 7783)	V1 EN ISO 7783-2:2001P
Water permeability (EN 1062-3)	W2 EN 1062-3:2008P
Permeability to CO₂ (EN 1062-6)	C0 EN 1062-6:2003P
Fire class	A1 acc. PN-EN 13501-1
Volume solids (%)	50

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.

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Average wall thickness	E250<E2=<100
Grain size	S1 drobne, wg PN-EN ISO 1524:2013:06E
VOC	Cat. A/c. Admissible content of VOC since 2010 – 40 g/l. The product includes less than 40 g/ l of VOC.
Storage	Protect from frost. Store and transport in tightly closed containers at temperatures between +5°C and +25°C. The product should be transported and stored in containers protecting against weather in temperature between +5°C to +25°C.

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APPLICATION INSTRUCTIONS

Application conditions

Work at air and substrate temp. not lower than +5°C and not higher than +25°C. Avoid direct sunlight, relative humidity > 80%, rain and frost. Protect the paint coating from rain for min. 48 hours - the optimum temperature and humidity conditions (temperature +20°C, relative humidity below 55%). This interval under conditions of elevated humidity and lower temperatures of air and ground may be extended.

Surface preparation

Remove dust, salts, loosely bound paint and plaster. Before painting, it is recommended to clean the surface and, if necessary, remove the mold with appropriate agents. Any damage, cracks should be filled with a suitable putty. Use appropriate products to fill losses in concrete. If the surface to be painted is a gloss surface, it should be mechanically matted. Porous and absorbent substrates should be primed with Tikkurila Finngard Silicate Primer diluted 1:1 with water. Hard and low absorptive substrates should be primed with a mixture made of Tikkurila Finngard Silicate Primer and Tikkurila Finngard Silicate Solid in a ratio of 1:2

Priming

Surface should be primed by Finngard Silicate Primer.

Top coating

Apply system: primer + facade paint by Tikkurila brand. Do not apply on horizontal surfaces exposed to direct contact with weather conditions: rain, snow. The manufacturer is not responsible for poor quality coating in case when above instructions are disregarded. It is recommended to use ANZA painting tools.

Cleaning of tools

Clean tools with water immediately after use. Remove as much paint as possible from painting tools before cleaning.

Environmental and waste disposal

Liquid waste should be destroyed according to the local regulations for hazardous waste. Empty cans as well as cans with liquid waste should be taken to a disposal according to the local regulations. For more information please contact local authority. Do not pour liquid waste into drains.

HEALTH AND SAFETY LABELLING according to Regulation (EC) No. 1272/2008

Contains: potassium silicate. **DANGER.** Causes serious eye damage. Wear eye or face protection. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.



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