



TIKKURILA

FINNGARD SILIKONIPOHJUSTE

SILICONE-BASED PRIMER FOR EXTERIOR MINERAL SURFACES

DESCRIPTION

Water-borne, silicone-based primer (concentrate).

RECOMMENDED USES

Residential, commercial, industrial, storage and other buildings.

PRODUCT FEATURES

For priming porous, water-absorbing unpainted surfaces or previously painted aggregate surfaces before painting with Finngard Clean facade paint or other paints suitable for organic aggregate surfaces, such as Yki.



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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TECHNICAL DATA

Coverage	Mixture coverage: 1–2 m ² /l on rendered surfaces, 2–4 m ² /l on concrete. Amount of Finngard Silikonipohjuste (undiluted) needed: 0.05–0.1 l/m ² for rendered surfaces, 0.025–0.05 l/m ² for concrete. The coverage is affected by the roughness and porosity of the substrate and the absorption qualities of any previous treatments applied to the surface to be primed.
Can sizes	1 l, 10 l
Thinner	Water
Mixing ratio	The working solution is prepared by mixing Finngard Silikonipohjuste (silicone primer) in water at a ratio of 1:9 or 1:19 according to intended use. On strong surfaces, whose water repellency is to be improved, a dilution ratio of 1:19 is used (1 part Finngard Silikonipohjuste is mixed with 19 parts of water). If the Finngard Silikonipohjuste is diluted in a ratio of 1:9, the working solution also has a reinforcing effect on the surface. The mixed solution is usable for 24 hours, so you only dilute the amount you use during the same day.
Application method	Brush, spray with a knapsack pressure sprayer or apply with a brush.
Drying time	2 to 5 hours. The primed surface can be painted on the following day at the earliest.
Density (kg/l)	Approximately 1 kg/l, ISO 2811
Weather resistance	Good. Prevents capillary penetration of rain and splash water into the structure. Allows water to come through from inside as a vapour. Reduces the migration of salts to the structure, thus preventing damage.
Volume solids (%)	100
Storage	Must be protected from frost. Must be kept in tightly closed containers. The storage temperature must be below +30°C. The water-mixed working solution keeps for 24 hours.

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APPLICATION INSTRUCTIONS

Application conditions

The surface to be treated must be clean, the ambient temperature at least +5 °C and the relative humidity of air below 80%. Do not apply the product to a wet or non-absorbent surface.

Mixing components

Prepare the solution by mixing Finngard Silikonipohjuste with water to a ratio of 1:9 or 1:19, depending on the intended purpose. For improving the water-repellency of hard substrates, use a mixing ratio of 1:19 (1 part Finngard Silikonipohjuste to 19 parts of water). If Finngard Silikonipohjuste is used with a mixing ratio of 1:9, the mixture will also strengthen the plaster substrate. The prepared solution will be usable for 24 hours, so only mix the amount you will use in one day.

Surface preparation

Unpainted surfaces:

Clean the unpainted surfaces of any dirt, dust and salt. If the formation of salt is very strong and continuous, the surfaces must not be treated before the cause of salt formation has been eliminated. Concrete element surfaces should not be primed earlier than after one heating period. Concrete surfaces that have been cast with formwork must be treated mechanically (e.g. sand-blasted) to create an appropriate surface profile. You can remove any glassy and glossy cement stone from the surface using sand-blasting, a mechanical wire brush or pressure cleaning with added sand. New rendered surfaces should be allowed to dry for one or two months before being primed.

Previously painted surface:

Remove any flaking, poorly adhering or powdery paint coats from previously painted surfaces. Choose the removal method according to the strength of the substrate and type of paint to be removed (e.g. wire brush, pressure washing with hot water or wet sand-blasting). Also remove any poorly adhered, fragile areas of plaster or concrete. If the substrate forms salts, the surfaces must not be treated before the cause of salt formation has been eliminated. In concrete structures, open any cracks over the reinforcement steel bars by chiseling or with an edge grinder, etc. Clean the bars of rust and continue treatment with Finnseco repair mortars.

Priming

Apply the diluted solution together with water by the "wet on wet" method. The primed surface must be painted. The surface must be allowed to dry for at least one day before painting. Surfaces that are not meant to be primed, such as glass panes, natural stone and clinker-tiled facades and metal surfaces must be covered for the duration of priming. Wash any spatter immediately off with clean water.

Application

The surface of the primed area must always be treated.

Cleaning of tools

Wash tools with water and detergent (eg Pensselipesu)

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