



TIKKURILA

KIVISIL POHJUSTE

SILICONE PRIMER / FOR EXTERIOR MASONRY 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 Kivisil façade paint, Finngard Silikonihartsimaali or other paints suitable for organic aggregate surfaces, such as Yki.



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TECHNICAL DATA

Coverage	Mixture coverage: 0.5–2 m ² /l on rendered surfaces, 2–4 m ² /l on concrete. Amount of silicone primer (undiluted) needed: 0.05–0.1 l/m ² for rendered surfaces, 0.025–0.05 l/m ² for concrete surfaces. 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
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 splashes into the construction. Allows water to come through from inside as a vapour. Diminishes salts from getting onto the construction surface, preventing paint damage caused by salts.
Volume solids (%)	100
Storage	Protect from frost. Store the concentrate in tightly closed cans. Storing temperature should not exceed +30 °C. The-ready-to use mixture can be stored for a maximum of 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

Mix Kivisil primer with water using mixing ratio 1:9 or 1:19 depending on the purpose of the use. For solid substrates use the mixing ratio of 1:19 to improve water-repellence (mix 1 part KIVISIL primer into 19 parts of water). If the mixing ratio of 1:9 is used, the mixture also strengthens the substrate. Kivisil mixture can be used for 24 hours therefore mix only the amount which you need during one day.

Surface preparation

Remove all dust, dirt and any soluble salts from the surfaces to be treated with a wire brush or a scrubbing brush. If the amount of soluble salts on the surface is large, the surface should not be treated with KIVISIL until the reason for their occurrence is known and prevented.

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.

Apply plenty of mixture thinned by water by using the wet-in-wet method.

Paint the primed surface. The surface may be painted one day after priming at the earliest.

Remove possible splashes immediately from window surfaces.

Environmental protection and waste disposal

Destroy liquid waste according to the local regulations for hazardous waste. Recycle empty, dry cans or dispose them of in accordance with local regulations.

Health and Safety

Contains: poly(dimethylsiloxane). **Danger.** Flammable liquid and vapor. Causes serious eye damage. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing mist/vapors/spray. Use only outdoors or in a well-ventilated area. 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.



GHS02

GHS05

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.