



TIKKURILA

FINNGARD PIIRTOPINNOITE

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| DESCRIPTION | Water-borne, alkaline-resistant, water-repellent silicone resin coating. Max. grain size approx. 2.0mm. |
| RECOMMENDED USES | Residential, commercial, industrial, warehouse and other buildings. |
| PRODUCT FEATURES | For coating outdoor surfaces of concrete and reinforced concrete and as part of Finngard facade systems. |



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

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| Base paints | FTA BASE, FTC BASE |
| Colour Shades | Tikkurila Facade 760 colour map. Tinted with Avatint tinting pastes. |
| Gloss | Full matt. (6/RT classification) |
| Coverage | Buffered: approx. 3kg/m ² . The roughness, porosity and desired appearance of the surface to be treated, as well as the coating conditions, affect the spreading rate. |
| Can sizes | FTA BASE: 25 kg FTC BASE: 25 kg |
| Application method | Spray with mortar pump, min. nozzle size 5mm, or with funnel spray or by spatula. The coating is finished with the Tikkurila plastic scraper for the desired appearance. |
| Drying time (23°C and 50% relative air humidity) | Touch dry the following day. |
| Density (kg/l) | approx. 1.8-1.9kg/l, ISO 2811. |
| Weather resistance | Suitable also for marine and industrial environment. Prevents rain and splash water penetration into the structure. Allows water to come through from inside as a vapour. |
| Volume solids (%) | 70 |
| VOC | (Cat A/c) max. 40 g/l (2010). Finngard Piirtopinnoite contains VOC max. 40g/l. |
| Storage | Must be protected from frost. The product or container temperature must not exceed + 35°C. Not to be stored in direct sunlight even covered. Tinted or poorly sealed coating or coating stored in half empty container, does not withstand long-term storage. |

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APPLICATION INSTRUCTIONS

Application conditions

The surface to be treated must be dry, with a temperature of at least +5°C and a relative humidity of less than 80%. The coating must not be done in strong sunshine.

Surface preparation

Unpainted surface:

The base must be dry and hardened before surface treatment. Drying and hardening times are affected by e.g. conditions and layer thickness. Unpainted surfaces are cleaned of dirt, dust, and salts. Wash mouldy, moss-covered surfaces with Tikkurila Mould Removal according to the instructions. Smooth and glassy concrete surfaces should always be treated mechanically to provide a sufficient surface profile.

Previously painted surface:

Surfaces are cleaned from dirt, dust, and salts. Wash mouldy, moss-covered surfaces with Tikkurila Mould Removal according to the instructions. Flaky and loose paint layers are removed. The removal method is selected according to the strength of the surface and the type of paint to be removed (e.g. steel brushing, hot water pressure washing or water-sand washing).

The required concrete repairs, fillings and levellings are made with Finnseco products according to the instructions.

Priming

Prime the surface with Finngard Silicone Resin Paint as described in the product information sheet. On concrete surfaces, Finngard 150 protective paint can also be used as undercoat according to the instructions in the product information sheet when the coating system is used to slow down carbon dioxide penetration into the surface.

Application

Coating is applied with a steel or micro-cellular rubber spatula, mortar pump or funnel spray. The sprayed surface is immediately levelled with a steel spatula. The surface is completed with the Tikkurila plastic scraper for the desired appearance.

TO BE NOTED

Finngard Piirtopinnoite is mixed thoroughly before using. To avoid possible differences in colours for a uniform surface, reserve a sufficient amount of the paint from the same batch. If you need to use different batches of new and old paint batches, the border of the old and new paint is painted with a mixture of 1 part of old paint and 1 part of new paint. The aim is to arrange the work so that the border between the working breaks and the different containers becomes as invisible as possible.

Any splashes must be immediately removed from the windows, alternatively the windows must be protected before priming and coating.

Cleaning of tools

The tools are washed with water. Tikkurila Pensselipesu can be used to remove coating that has hardened to a certain extent.

Maintenance instructions

Dirty surfaces can be washed gently by pressure washing without detergent at the earliest one month after surface treatment. The surface may have a permanent trace of washing, so the washed area must be bordered in a discreet way according to the lines of the structure. It is advisable to gently remove loose dirt with a soft brush, without rubbing, when drying.

For removing algae and mould, use Tikkurila Homeenpoisto and rinse well. NOTE The surface always requires a new surface treatment after mould washing.

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Maintenance treatment

For maintenance painting of a surface treated with Finngard Piirtopinnoite, Finngard Clean facade paint or Finngard Silicone Resin Paint can be used. Re-coating can be done with the same product, see sections Pre-treatment, base treatment and coating treatment.

Environmental protection and waste disposal


Avoid spillage into drains, water systems and soil. 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

Harmful to aquatic life with long lasting effects. Contains 1,2-benzisothiazol-3(2H)-one (BIT), reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)) and 4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT). May produce an allergic reaction. Avoid release to the environment. This product contains a biocidal product for the preservation of the product during storage. Wear protective gloves. Contains: reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) (C(M)IT/MIT (3:1)).

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EN 15824:2009

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| Tikkurila Oyj Kuninkaalantie 1 FI-01300 Vantaa |
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| TIK-710003976_7-5001 |
| EN 15824:2009 |
| External render based on organic binders. |

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