



TIKKURILA

# FINNGARD CLEAN -JULKISIVUMAALI

SILICONE RESIN, SELF-CLEANING FACADE PAINT

## DESCRIPTION

Water-borne, silicone resin paint, which stays clean. Due to its super hydrophobic surface, the paint repels soil and water well, keeping the structure clean and dry.

## RECOMMENDED USES

Residential, commercial, industrial, warehouse and other buildings.

## PRODUCT FEATURES

For exterior painting of concrete and reinforced plastering surfaces.



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	
Base paints	FLA BASE, FLC BASE
Colour Shades	Color cards: Facade 760 colour collection Tinted with Avatint tinting pastes.
Gloss	Full matt. (6/RT classification)
Coverage	4-6m <sup>2</sup> /l one layer. Spreading rate is affected by roughness and porosity of the painted surface as well as the painting method and conditions.
Can sizes	FLA BASE: 18 l FLC BASE: 18 l
Thinner	Water.
Application method	Rolling, brushing, spraying  High pressure spraying: - min. nozzle size 0,027" (0.68mm) - amount of thinner 0–10% if necessary
Density (kg/l)	approx. 1.5 kg/l, ISO 2811.
Weather resistance	Excellent 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 (%)	40 - 45% (according to colour).
VOC	(cat A/c) 40g/l (2010) Finngard Clean facade paint contains VOC max. 40g/l.
Storage	Protect from frost. The temperature of the product or container may not exceed +35°C. Do not store in direct sunlight, even under a protective tarpaulin. Tinted product, or a product kept in an improperly closed or half-empty can will not withstand long-term storage.

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## APPLICATION INSTRUCTIONS

### Application conditions

The surface to be painted must be dry, at a temperature of at least +5°C and a relative humidity of less than 80%. Painting work should not be done in intense sunshine.

### Surface preparation

#### Unpainted surface:

The new concrete and plaster surface must be sufficiently dried and hardened prior to surface treatment. The drying and hardening time is affected by the composition of the surface (e.g. the lime-cement ratio of the mortar), the thickness and conditions of the possible mortar layer.

Unpainted surfaces are cleaned from 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 and to remove cement adhesive. For concrete surfaces with a lot of pores, overfilling with a Finnseco Polytop coating mortar or Finnseco Ylitasoituslaasti is recommended.

#### 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, powdery, 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.

The necessary plastering patches are made with suitable plastering mortars for levelling and the structure of the surrounding surface.

### Priming

The need for priming is always determined on a case-by-case basis.

### Painting

#### a) Priming and painting

The surface to be treated is primed with Finngard Silikonipohjuste according to instructions.

The painting is done twice with Finngard Clean facade paint. Time between the layers must be at least 12 hours. Finngard Clean facade paint can be thinned with water max. 5-10% for the first treatment.

#### b) Undercoat and painting

The surfaces are under coated with a mixture of Finngard Pohjustegeeli and Finngard Clean facade paint with a ratio of 2 litres of Finngard Pohjustegeeli with 20 litres of Finngard Clean facade paint. Finngard Pohjustegeeli and Finngard Clean facade paints are mixed well together (approx. 5 minutes with a machine) before use. If necessary, the mixture can be thinned with water up to 5% (rinse Finngard Pohjustegeeli container with water for thinning). The ready mixture must be used within 24 hours of mixing.

The topcoat is done once at the earliest 12 hours after priming with undiluted Finngard Clean facade paint.

#### c) Painting

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## NOTE!

The best dirt and water repellence for the Finngard Clean facade paint is achieved in 1-2 months, depending on weather conditions. Finngard Piirtopinnoite is mixed thoroughly before using. For a uniform surface, reserve a sufficient amount of the paint from the same batch. The border of the old and new paint batches is painted with a mixture of 1 part of old paint and 1 part of new paint. The work should be arranged so that the border will be as unnoticeable as possible. Other surfaces should be covered during working. On painted surface, mechanical stress may cause parts to appear lighter, especially dark colours. This is a typical product characteristic of all matt facade paints, but does not affect the technical functionality of the product.

## Cleaning of tools

Clean tools with water.

## Maintenance instructions

Dirty surfaces can be washed gently by pressure washing without detergent 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 clean loose dirt with a soft brush, without rubbing, when drying.

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

## Maintenance treatment

For maintenance painting of a surface treated with Finngard Clean facade paint, Finngard Clean facade paint and Finngard Silicone Resin Paint can be used.

## 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. Avoid release to the environment. Wear protective gloves. Contains 1,2-benzisothiazol-3(2H)-one (BIT), reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (C(M)IT/MIT (3:1)) and 4,5-dichloro-2-octyl-2H-isothiazol-3-one (DCOIT). May produce an allergic reaction. This product contains a biocidal product for the preservation of the product during storage. Contains: reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) (C(M)IT/MIT (3:1)).

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