TIKKURILA

FINNGARD SILICONE ALLWEATHER

DESCRIPTION

Water-borne, alkali-resistant silicone modified acrylic paint that protects concrete against humidity and carbonation. Finngard Silicone Allweather has early rain resistance and extended temperature range for application.

RECOMMENDED USES

Residential, commercial, industrial and storage buildings, parking garages, etc.

PRODUCT FEATURES

Suitable for painting concrete structures and surfaces rendered with a cement rich mortar.

Early rain resistance and wider application temperature range extends the painting season.

Also suitable for painting on acrylic- and silicone-based renders and also on previously painted surfaces.

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TECHNICAL DATA

Base paints	LA BASE, LC BASE
Colour Shades	Tikkurila Facade 760 colour card. Tinted with Avatint facade colorants.
Gloss	Full matt.
Can sizes	LA BASE: 9 l, 18 l LC BASE: 9 l, 18 l
Application method	Roller, brush or spray. Airless spraying: – min. nozzle size 0.027" (0.68 mm) – thinning 0–5% by volume, if necessary
Drying time	Dust dry 1/2 hours, overcoatable 3 hours
Density (kg/l)	1.4-1.6 kg per litre depending on base and shade.
Weather resistance	Excellent, also in maritime and industrial atmosphere.
Fire class	F (NPD)
Weight solids (%)	40-50% depending on base and shade
VOC	(cat A/c) max. 40g/l (2010). Finngard Silicone Allweather 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, the ambient temperature at least +2 °C and the relative humidity of air below 90%. Do not paint in strong sunlight.

Surface preparation

Surface preparation Unpainted surfaces:
The substrate has to be sufficiently dry and hard before treatment. (New concrete and the surfaces rendered with cement-lime and cement rich renders must be seasoned min. 4 weeks) Clean the unpainted surfaces of any dirt, dust and salt. Surfaces with mold, moss etc. are cleaned with Tikkurila (cleaning product depending on market) in accordance with the instructions. Smooth, glassy concrete surfaces must always be treated mechanically to create an appropriate surface profile and remove any laitance. Carry out necessary repairs, patching and filling applying suitable products according to instructions.

Previously painted surface:
Surfaces are cleaned by removing any dirt, dust or salt. Surfaces with mold, moss etc. are cleaned with Tikkurila (cleaning product depending on market) in accordance with the instructions. Remove any flaking and poorly adhering paint coats. Select the removal method according to the strength of the substrate and paint type to be removed (e.g. wire brushing, pressure washing with hot water or wet sand-blasting). Carry out necessary repairs, patching and filling applying suitable products according to instructions.

Priming

The need for priming is determined case by case. It is recommended to prime chalking surfaces with Tikkurila (Uni primer, hydrosol, Primer gel blended into the paint, depending on market). The water-repellency of the substrate can be improved with Tikkurila Silicone Primer. Follow the instructions of the product in question when priming.

Painting

Apply two coats of the product with desired application method and according to instructions on coverage, thinning and application conditions

Note

Stir the paint before use. Reserve enough paint from the same production batch for a uniform surface. Should you need to use different production batches, paint the area between the old and new batch with a 1:1 mix of the old and new paint. Arrange the work such that the transition between the paint batches is as inconspicuous as possible. Uniform surfaces are painted without interruption.
Follow the recommended coverage values to ensure that the paint provides sufficient protection.

Cleaning of tools

Tikkurila Pensselipesu Tool Cleaner is recommended to remove slightly hardened paint.

Maintenance instructions

Dirty surfaces can be carefully washed with a pressure washer without any detergent no earlier than one month after the surface treatment. The washing may leave permanent marks on the surface, so the area to be washed should be designed inconspicuously following the lines of the structure. Clean dry, loose dirt lightly with a soft brush, without rubbing the surface.

Maintenance treatment

Surfaces painted with Finngard Silicon Allweather can be maintenance treated with Finngard 150, Finngard 500, Finngard Silikonihartsimaali, Finngard 1,5 H, Finngard 3,0 H and Finngard Silikonihartsipinnoite.

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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. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. 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. This product contains a biocidal product for the preservation of the product during storage. 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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Product for protection and repair of concrete structures – Coating.

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Tikkurila OYJ
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FI-01300 Vantaa

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EN 1504-2

Product for protection and repair of concrete structures – Coating.

Permeability to CO2	s_D > 50 m
Capillary absorption	< 0,1 kg/m²• h0,5
Reaction to fire	F (NPD)
Adhesion strength by pull off test	≥ 1,0 N/mm²
Release of dangerous substances	NPD
Permeability to water vapour	class I, sD < 5 m