



TIKKURILA

FINNSECO S

INORGANIC CEMENT COATING

DESCRIPTION

Inorganic cement coating; maximum grain size approx. 0.5 mm.

RECOMMENDED USES

Facades of residential, commercial and industrial buildings and warehouses, soffits of balcony slabs, retaining walls, unheated structures, etc.

PRODUCT FEATURES

For coating concrete, lime cement, cement plaster, light gravel block, cellular concrete, brick and similar aggregate surfaces. Can also be applied to surfaces previously treated with cement paint and coating.



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TECHNICAL DATA

Colour Shades	White.
Coverage	1.5–3 kg/m ² . Coverage is affected by the roughness and porosity of the surface along with the coating method.
Can sizes	25 kg
Mixing ratio	Water requirement: 7 litres of water/ 25kg dry product.
Application method	Brush, roller or spray with a funnel sprayer or plaster pump; min. nozzle size 5 mm.
Pot-life (+23°C)	Hardening time approx. 1 hour.
Drying time	Touch-dry in approx. 1–2 hours. Another coating can be applied on top when the previous layer has adhered to the surface (the next day).
Density (kg/l)	Ready mix, approx. 1.7 kg/l, ISO 2811.
Weather resistance	Good, also in maritime atmosphere. Does not prevent the permeability of the water-vapour.
VOC	(cat A/c) 40g/l (2010) Finnseco S Sementtipinnoite contains VOC max. 40g/l.
Storage	In dry place (away from floor), protect from humidity.

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APPLICATION INSTRUCTIONS

Application conditions

The ambient temperature of the air, coating and substrate must be at least +5 °C. Working when it is hot or in direct sunlight or rain or before rain should be avoided.

Mixing components

Amount of water needed: approx. 7 liters to 25 kg of dry product.

Surface preparation

Unpainted surfaces:

The surface has to be undamaged, hardened, clean and absorbent. The hardening time is affected by, e.g., the composition of the substrate (e.g. lime-concrete ratio), environmental conditions and the thickness of the layer.

Clean the unpainted surfaces of any dirt, dust and salt. Surfaces with mold, moss etc. are cleaned with Tikkurila Homeenpoisto in accordance with the instructions. Smooth, glassy concrete surfaces must always be treated mechanically to create an appropriate surface profile and remove any laitance. Concrete surfaces with a lot of pores are recommended to be leveled with Finnseco Polytop mortar or Finnseco Leveling Render.

Previously painted surface:

Surfaces are cleaned by removing any dirt, dust or salt. Surfaces with mold, moss etc. are cleaned with Tikkurila Homeenpoisto in accordance with the instructions. Remove any flaking, chalky and poorly adhering paint coats. 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).

Perform the required repairs, patching and leveling with Finnseco products according to their instructions.

Where necessary, patch the rendering to the level of the surrounding surface and structure with appropriate rendering mortar.

Moisturize the substrate approx. 1–2 hours before starting work. Do not apply coating onto a wet and/or non-absorbent substrate.

Priming

As absorption capacity non-homogenous surface is to be primed with one part AR-primer into 7 parts of water (1:7).

Top coating

Application by brush:

Mix one bag of FINNSECO S (25 kg) with approx. 7 liters of water to an even consistency, let stand for approx. 5 minutes and mix again before use. Brush one or two coats of FINNSECO S onto the surface in parallel strokes. Do not apply the product too thickly.

Application by spray gun:

Mix one bag of FINNSECO S (25 kg) with approx. 7 liters of water to an even consistency, let stand for approx. 5 minutes and mix again. For a sprayed surface, you can apply the first layer by brushing and the finishing layer by spraying.

Application by roller:

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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Mix one bag of FINNSECO S (25 kg) with approx. 7 liters of water to an even consistency, let stand for approx. 5 minutes and mix again. Add water to the mixture until it is sufficiently thin for application by roller.

NOTE!

When treating a surface containing asbestos, follow the Government Decision on Asbestos Work (1380/1994) and the related Decrees 318/2006 and 863/2010.

To achieve a uniform result, use the same amount of water and equal mixing times for all batches. In order to ensure proper adhesion, moisturize the surface (spray with water) as long as required by the conditions.

Cleaning of tools

Clean tools immediately after use with water.

Maintenance instructions

If the surface is dirty after finishing, it can be carefully washed with a pressure washer without any detergent no earlier than one month after painting. The washing may leave permanent marks on the surface, so wash a logical area following the lines of the structure in order to avoid leaving conspicuous edges. Clean dry, loose dirt lightly with a soft brush, without rubbing the surface.

Remove alga or mold with Tikkurila Homeenpoisto (Mold Removal) and rinse thoroughly. NOTE! Surfaces must always be retreated after mold removal.

Maintenance treatment

Surfaces treated with Finnseco S cement coating can be maintenance painted with Finnseco S cement coating, Finnseco Sementtimaali, Finngard Silikaattimaali, Finngard Silikonihartsimaali, Kivitex silicate paint or Kivisil facade paint.

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EN 998-1:2010

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TIK-1630-5008	
EN 998-1:2010	
General purpose rendering mortar (GP).	
Reaction to fire	F (NPD)
Durability	NPD
Adhesion strength by pull off test	$\geq 0,3 \text{ N/mm}^2$ (fracture pattern B)
Release of dangerous substances	NPD
Water absorption	W1
Permeability to water vapour	≤ 30

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