



TIKKURILA

# FINNSECO PAKSURAPPAUSLAASTI

**DESCRIPTION**

Fiber-reinforced KS 35/65/500 plaster mortar that can be applied manually or by spraying. Low wetting ability. Maximum grain size: 3.0 mm.

**RECOMMENDED USES**

Residential, commercial, industrial and storage buildings and others.

**PRODUCT FEATURES**

Used as grout and rough-cast finish on concrete, block and brick surfaces and on top of the insulating layer in the Finngard Thick Render insulation system.



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## TECHNICAL DATA

<b>Coverage</b>	13-14 l/25 kg.
<b>Can sizes</b>	25 kg, 1000 kg
<b>Application method</b>	Sprayed with a plaster pump or applied manually.
<b>Drying time (23°C and 50% relative air humidity)</b>	Plaster surface must be allowed to set at least a day (24 hours) before the next phase.
<b>Density (kg/l)</b>	Ready mix approx. 1.9 kg/l
<b>Storage</b>	In dry place (away from floor), protect from humidity.

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## APPLICATION INSTRUCTIONS

### Application conditions

The temperature of air, mortar and substrate must be at least +5 °C. Working in hot air, strong winds, direct sunlight, rain or before rain should be avoided.

### Mixing components

Amount of water to be used: 4–4.5 l water / 25 kg dry product.

### Surface preparation

The substrate to be plastered must be clean and intact. Salt, cement glue, dust and other impurities that weaken adhesion must be removed by using a water sand blaster, for example. A dry substrate must be moistened in advance. However, when the plastering begins, the substrate must be absorbent.

On smooth concrete substrates where a net is not used Finnseco Kuitulaasti or Finnseco Ohutrappauslaasti should be used as grout. The surface of a grout layer is combed open using a comb spatula in order to ensure the adhesion of a rough-cast layer.

## PREPARING THE MORTAR

Finnseco Paksurappauslaasti is added to clean water and mechanically mixed to an even mass, after which it is let to water for about 10 minutes before re-mixing and beginning to work.

### Application

Grout is applied manually or sprayed tightly onto the substrate so that it covers 90-95% of the area. The grout must harden for at least one day before rough-cast finishing.

Spray the rough-cast finish with a plaster pump or apply it manually. The suitable thickness of a single rough-cast layer is around 15 mm. If the layer thickness exceeds 20 mm, casting must be done as several layers. It is recommended to use a metal plastering net attached to the surface on wide areas with layer thickness above 30 mm. A plastering net must also be used on fragile and cracked substrates.

The rough-cast surface is leveled using a board and smoothed carefully with a wood float. If the surface is smoothed to a shiny finish, the surface must be torn open with a cross float once it is set.

Finnseco Paksurappauslaasti Hieno mortar is used for the plaster finish or troweling of the Finngard Thick Render System when mortar is left on paint surface.

### Coating

Finngard Paksurappauslaasti is primed using Finngard Silikonihartsimaali and coated with Finngard Silikonihartsipinnoite.

### Aftercare

A Finnseco Paksurappauslaasti surface is cured by spraying it with clean water for at least three days (48 h), depending on the conditions. Any plastic cracks must be repaired immediately by smoothing after they appear, when the mortar is still in its plastic phase.

### Cleaning of tools

Clean tools immediately after use with water.

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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## Environmental and waste disposal

Deliver empty packaging and hardened mortar to a recycling point or waste tip according to local regulations. Destroy powdery, unused render according to the local regulations for hazardous waste.

## HEALTH AND SAFETY LABELLING according to Regulation (EC) No. 1272/2008


**Contains:** calcium dihydroxide, Cement, portland, chemicals. **DANGER.** Causes skin irritation. Causes serious eye damage. Avoid breathing mist/spray. Wear protective gloves and 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.



GHS05

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EN 998-1:2010

	
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TIK-1630-5019	
EN 998-1:2010	
General purpose rendering/plastering mortar (GP) & Reinforcement and levelling mortar for outdoor use.	
Dry bulk density	NPD
Thermal conductivity mean $\lambda_{10,dry,mat}$ values	$\leq 0,67$ W/mK (P=50%) $\leq 0,76$ W/mK (P=90%) (tabulated value according to EN 1745)
Reaction to fire	A 1
Durability	NPD
Compressive strength	CS III
Adhesion after weathering cycles	NPD
Adhesion strength by pull off test	$\geq 0.15$ N/mm <sup>2</sup> concrete (fracture pattern B)
Release of dangerous substances	NPD
Water vapour permeability coefficient, $\mu$	15/35

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