



TIKKURILA  
**FINNSECO PIKATASOITE**  
RAPID MORTAR

- DESCRIPTION** Paste-like manually applied patch mix and filler for concrete surfaces that hardens and dries rapidly.
- RECOMMENDED USES** Residential, commercial, industrial and storage buildings and others.
- PRODUCT FEATURES** Repair of damage and casting defects in concrete structures and dressing outdoor and indoor floors. Easy to apply and shape thanks to its paste-like composition.





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### TECHNICAL DATA

<b>Colour Shades</b>	Grey.
<b>Coverage</b>	Amount of material to be used: 1.5 kg/m <sup>2</sup> /mm. Grade: 0.3 mm. Layer thickness: 1-25 mm. Filling of holes max. 50 mm
<b>Can sizes</b>	20 kg
<b>Mixing ratio</b>	Water requirement: 3.2-4.4l water/20kg dry product.
<b>Application method</b>	Tamping with a trowel or finishing with a steel trowel. The working method depends on the amount of water used and the purpose of use of the filler.
<b>Pot-life (+20°C)</b>	approx. 15min
<b>Drying time</b>	Recoatable: approx. 2 hours Suitable for stepping onto: approx. 1 hour
<b>Density (kg/l)</b>	Ready mix approx. 1.9 kg/l.
<b>Adhesive strength (EN 1542)</b>	>1.5 N/mm <sup>2</sup>
<b>Compressive strength</b>	>30 N/mm <sup>2</sup>
<b>Flexural strength</b>	>7.0 N/mm <sup>2</sup>
<b>Shrinkage</b>	approx. 0.5‰ (28 days).
<b>Storage</b>	In dry place (away from floor), protect from humidity.

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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## APPLICATION INSTRUCTIONS

### Application conditions

The temperature of air, filler and substrate must be at least +5°C. Avoid working when it is hot or in direct sunlight.

### Mixing components

Amount of water to be used: 3.2–4.4 l water / 20 kg dry product.

### Surface preparation

Remove the existing coating or paint by sand-blasting. Remove any loose or damaged concrete, expose the corroded reinforcement bars by chipping and clean them of rust to grade St2. Remove any sanding and chiseling waste carefully. The cleaned reinforcements are treated with Finnseco Tartuntalaasti or Finnseco-KOR anti-corrosion paint. Necessary patching is done with Finnseco repair mortars according to instructions or by using Finnseco Pikatasoite.

## PREPARING THE MORTAR

The use purpose of the filler and in particular the layer thickness can be adjusted by the amount of water used. Mix 3.2-4.4 liters of water with a sack of dry product, which corresponds to 16-22% of the dry weight of the mortar. Filler is mixed to even consistency using a whisk attached to a power drill and spread immediately to the surface being leveled.

When using the maximum amount of water, the mortar is suitable for thin dressing. By reducing the amount of water, you can also increase the layer thickness. In case of thick layers, approx. 20-25mm, and when filling large holes or in case of shape casting, such as skirting boards on a balcony, the amounts used are 3.2-3.5 liter of water / 20 kg of dry product.

### Application

The area to be leveled is primed using undiluted Tikkurila Hydrosolipohjuste during each round of leveling. The primer must not puddle. When the primed area to be leveled is no longer shiny, in about 15 minutes after priming, you can start leveling.

### Coating


Can be covered with ceramic tiles, plastic covering, textile mats, vinyl tiles, parquet floor and cork. Also suitable to be used underneath polyurethane-based masses and epoxy paints in areas where there is light traffic, such as outdoor corridors and balconies. Not suitable to be used underneath notably shrinkable masses, such as self-leveling epoxy coatings.

### Cleaning of tools

Clean tools immediately after use with water. Dried filler is mechanically removed.

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EN 13813:2002 C30-F5

	
Tikkurila Oyj Kuninkaalantie 1 FI-01300 Vantaa	
16	
TIK-1630-5020	
EN 13813:2002 C30-F5	
Cement-based floor screed.	
Restricted shrinkage /expansion	NPD
Impact resistance	NPD
Wear resistance to rolling wheel	NDP
Release of corrosive substances	CT
Abrasion resistance	NPD
Reaction to fire	A 1
pH value	NPD
Surface hardness	NPD
Compressive strength	C30
Setting time	NPD
Modulus of elasticity in flexure	NPD
Flexural strength	F5
Adhesion strength by pull off test	B1,5
Release of dangerous substances	NPD

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