



TIKKURILA

FINNSECO TARTUNTALAASTI

POLYMER-MODIFIED PREMIXED DRY MORTAR

- DESCRIPTION** Polymer-modified premixed dry mortar with additives, containing an inhibitive pigment. Maximum grain size: 0.6 mm.
- RECOMMENDED USES** Residential, commercial, industrial and storage buildings and others.
- PRODUCT FEATURES** Primarily for corrosion protection for steel cleaned from rust, and adhesion mortar for concrete repair and casting mortars. Can also be used as such in small-scale concrete patching and leveling, as well as as an adhesion-enhancing additive in Finnseco KL+ Korjauslaasti and Finnseco Rappauskorjauslaasti (see work instructions in the product description for each product).





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TECHNICAL DATA

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|------------------------------------|--|
| Colour Shades | Grey. |
| Coverage | 1.5–2.0 kg/m ² as grout. 0.1–0.2 kg/running meter for protecting reinforcement bars, depending on the thickness of the reinforcement. 1,9 kg/m ² /mm as concrete repair and leveling mortar. |
| Can sizes | FACTORY READYMADE SHADE: 25 kg Not a base paint item: 5 kg 25KG and 5KG |
| Mixing ratio | Water requirement: 6l water/ 25kg (approx. 1.2 l/ 5kg). |
| Pot-life (+20°C) | approx. 2 hours. |
| Adhesive strength (EN 1542) | >1.5 N/mm ² |
| Storage | 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, mortar 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: 6 l water / 25 kg (approx. 1.2 l / 5kg). Concrete repair and leveling 0,8 – 1,0 l/5 kg.

Surface preparation

PREPARING THE MORTAR

Finnseco Tartuntalaasti 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

Protection of reinforcement bars:

Remove concrete from around the steel so that you can coat the entire steel surface. The reinforcement bars are cleaned from rust (prepared) to at least grade St2. Remove any chiseling and sanding waste carefully.

The first coating must be applied as soon as possible after cleaning the reinforcement bars on clean and dry surface once or twice. The back of the reinforcement bars must also be treated. Apply the second coat when the first is touch-dry after around 2-3 hours. The total layer thickness is approx. 2 mm.

Use as grout:

Remove any dust and dirt from the substrate to be treated. Moisten the substrate before plastering. Plaster is spread on slightly moist substrate with a spray gun, roller or brush depending on the extent and structure of the area being repaired. Repair and casting plaster must be spread using a wet-on-wet principle on top of the grout. Use as repair mortar:

The mortar is compacted with a trowel at the patch to be repaired to prevent air pockets that weaken the adhesion of the patch. Wide, several-centimeter-deep repair areas are done in stages. In the first stage, the mortar is compacted to a layer thickness of approx. 10–15 mm. The patch is allowed to harden for at least 1 day, after which the filling is continued.

When the depth is more than 30 mm and the size of the area is greater than 100 × 100 mm, the filling is performed with Finnseco KL+ korjauslaasti.

Use as leveling mortar:

The substrate is cleaned of loose dust and dirt. Before applying the mortar, moisten the substrate. The mortar is applied with a trowel to a matt damp substrate. The mortar is applied by hand with a steel or cellular rubber-coated trowel to a thickness of approx. 1-3 mm. The surface can be lightly rubbed with a sponge 20-50 minutes after applying the mortar, depending on the conditions. The surface can also be brushed, for example, to obtain the desired structure immediately after application.

Cleaning of tools

Clean tools immediately after use with water.

Environmental protection 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.

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Health and Safety

Contains: Cement, portland, chemicals. **Danger.** Causes skin irritation. Causes serious eye damage. May cause respiratory irritation. Avoid breathing vapor. Wear protective gloves/clothing and eye/face protection. In case of inadequate ventilation wear respiratory 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




GHS07



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EN 1504-3:2006

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| 0416 | |
| Tikkurila Oyj Kuninkaalantie 1 FI-01300 Vantaa | |
| 16 | |
| TIK-1630-5016a | |
| EN 1504-3:2006 | |
| Product for protection and repair of concrete structures – Non-structural repair. | |
| Restricted shrinkage /expansion | ≥ 0,8 N/mm ² |
| Capillary absorption | NPD |
| Carbonation resistance | approved ¹⁾ |
| Coefficient of elasticity | NPD |
| Chloride ion content | ≤ 0,05 % |
| Skid resistance | NPD |
| Coefficient of thermal expansion | NPD |
| Adhesion after thermal compatibility | NPD |
| Reaction to fire | A 2 |
| Compressive strength | Class R2 |
| Adhesion strength by pull off test | ≥ 0,8 N/mm ² |
| Release of dangerous substances | NPD |

1) When the mortar is coated with a coating for concrete protection complying with EN 1504-2, method 1.3.

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FINNSECO TARTUNTALAASTI

EN 1504-7:2006

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| 0416 | |
| Tikkurila Oyj Kuninkaalantie 1 FI-01300 Vantaa | |
| 16 | |
| TIK-1630-5016b | |
| EN 1504-7:2006 | |
| Product for protection and repair of concrete structures - Reinforcement corrosion protection. | |
| Corrosion protection | Approved |
| Glass transition temperature | NPD |
| Adhesion at shear | NPD |
| Release of dangerous substances | NPD |

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