



High Adherence Concrete Repair Mortar for Structural Repairs

PRODUCT DESCRIPTION

INKA-HT200 is a single component high performance thixotropic repair mortar with high adhesion, designed for the structural repairs of concrete and precast concrete.

AREAS OF USE

INKA-HT200,

- To repair surfaces and corners of exposed concrete,
- For filling cracks and cavities more than 5 mm deep -formed by misplaced concrete,
- For filling cavities on surfaces of precast concrete,
- On all structural repair jobs of concrete,
- On all erection jobs where perfect adhesion is required.

ADVANTAGES

- High initial strengths are reached thanks to its reduced water content requirement,
- Waterproofs the application area thanks to its polymer modified voidless mass,
- Its waterproof structure acts as a durable barrier against atmospheric conditions, moisture, water, frost and de-icing salts (chloride)
- Its thixotropic consistency makes it ideal for vertical and overhead applications,
- Enriched with specialty chemicals, has perfect adherence,
- Its non-corrosive and non-toxic nature makes it ideal for use in all kinds of environment.

TECHNICAL DATA

- **Color:** Grey powder
- **Unit Weight of Fresh Mortar:** ~ 2,1 kg/ltr
- **Packaging:** 25 kg craft paper bag with PE lining
- **Storage:** 12 months when kept in a dry and closed area stacked in loads of maximum 5 bags
- **Standard:**



TSE EN 1504-3/ 10.04.2008

Structural concrete repair product, PCC (Polymer modified hydraulic mortar and concrete)

3.1 Mortar application by hand/ 3.2 Re-casting concrete/ R4/Reinforced & Unreinforced

APPLICATION

Surface Preparation: Surface must be cleaned from all loose particles, dust, grease, oil, scale and rust. (cleaned with pressurized water @ 100 bars) Cleaned substrate should be wetted with a brush or sponge.

Mixing the Product: Water is added according to the desired consistency of mortar. Add water into a clean container and sprinkle **INKA-HT200** at a ratio of 6 : 1 (**HT200** : Water) slowly into liquid while mixing continuously with a slow speed compulsory mixer until a smooth, lump free mix is obtained.

This ratio is a recommendation. The user should decide their own mixing ratio upon trials.

Allow mix to stand for 5 minutes and then apply on the substrate. For applications above 25°C, additional mixing water may be needed for desired flow. Additional water will reduce the final strength of mortar.

Therefore 4,5 litres of mixing water should not be exceeded even in extreme (hot) weather conditions.

Application: Repair and/or fixing is made by the ready to use mortar. Trowelling of the substrate should then be carried out matching it to the rest of the area. (with **HT100**) Application area must be closed to pedestrian traffic for at least 24 hours. Fixing/erecting activities should not be carried out before 7 days.

Application Thickness:

5mm - 30mm. Thicker applications must be made in layers. (wet on wet) Up to 15 cm of depth can be covered at once on horizontal surfaces if the application area is not wide.

CONSUMPTION

~1,9 kg/m² dry powder per mm.

ATTENTION

- Fresh mix should not be stirred again and water must not be added to increase workability.
- Repairs deeper than 3 cm should be made in layers (wet on wet) to obtain a monolithic coat.
- Application should not be made when the ambient temperature is lower than +5°C and higher than 35°C.
- The remaining product should be kept closed and airtight in its original packaging.
- For outside applications, the area should be protected against direct sunlight, wind, rain and freezing temperatures.
- This product is not recommended for use on gypsum, old painted, gas concrete, rock/rock wall, and hollow brick surfaces.
- Tools must be cleaned with water before residues fully cure.

HEALTH & SAFETY

- Contains cement. In case of contact with skin and eyes, wash with plenty of water.
- Protective mask should be worn during the preparation of the product.

TECHNICAL SERVICES

Our technical support team is ready to answer all your questions concerning our product line. For additional information, please contact our headquarters. Material Safety Data Sheet of this product can be obtained from info@inka.com or from our regional sales representatives.