

## High Adherence Concrete Repair Mortar for Superficial Repairs

### PRODUCT DESCRIPTION

**INKA-HT100** is a ready to use, polymer modified, single component, high adherence repair mortar designed for superficial repairs.

### AREAS OF USE & ADVANTAGES

**INKA-HT100** is used,

- To repair surfaces and corners of exposed concrete,
- For filling cracks and cavities up to 5 mm deep -formed by misplaced concrete,
- For smoothing the surfaces following the structural repairs done by **INKA-HT200**.
- In filling the cracks on surfaces of precast concrete elements up to 5 mm deep,
- On all kinds of superficial repair jobs of concrete structures.

It can also be used;

- As a high quality tile adhesive,
- On all kinds of surface repair jobs where perfect adhesion is required.

### TECHNICAL DATA

- **Color:** Grey powder
- **Unit Weight of Fresh Mortar:** ~2,1 kg/lt
- **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

Non-structural repair product, PCC (Polymer modified hydraulic mortar and concrete)  
3.1 Mortar application by hand/R2/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:** Add 6,25 kg's of water into a clean container and sprinkle **INKA-HT100** at a ratio of 4 : 1 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 site 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 6,75 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. Application area must be closed to pedestrian traffic for at least 24 hours. Fixing/erecting activities should not be carried out before 7 days.

Tile fixing applications should be carried out by following the instructions on the **INKA-H1** leaflet.

### Application Thickness:

1 mm - 5 mm. Thicker applications should be made in layers of 5 mm.

For filling out cavities smaller than 2 mm **INKA-HTM** should be preferred.

### CONSUMPTION

~1,9 kg/m<sup>2</sup> dry powder per mm.

### ATTENTION

- Fresh mix should not be stirred again and water must not be added to increase workability.
- 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](mailto:info@inka.com) or from our regional sales representatives.

