

Bonding Slurry & Corrosion Protection Primer for Reinforcement

PRODUCT DESCRIPTION

INKA-HA is a single component cement based coating used for producing fair-faced concrete after patch repairs. This product is designed to give good adhesion to concrete and steel. Its cohesiveness in the plastic state and low water requirement results in low porosity enhancing its durability.

USES

INKA-HA is used;

- for producing a fair faced concrete appearance after patch repairs,
- for levelling uneven surfaces,
- for filling honeycombs,
- as a levelling compound for surface preparation prior to protective coating of facades,
- as a waterproof bonding coat against corrosion on exposed steel reinforcement,
- as a bonding coat between old and new concrete.

ADVANTAGES

- Easy to use: Can be sponge, brush or trowel applied.
- Retains workability up to 40 minutes.
- Excellent adhesion to sound concrete substrates and steel
- Chloride free: Excellent strength development without the use of chloride ensuring durability.
- Water resistance: Water and weather proof.
- Non-shrink.
- Factory controlled pre-packed material eliminates site batching variations.

TECHNICAL DATA

- **Color:** Grey powder
- **Unit Weight of Fresh Mortar:** ~1,8 kg/lt
- **Storage and Shelf Life:** 12 months when kept in a dry and closed area stacked in loads of maximum 5 bags
- **Chloride:** nil
- **Packaging:** 25 kg craft paper bag with PE lining

APPLICATION

Surface preparation: Concrete and metal surfaces should be clean, free from oil, grease, rust and all loosely adhering particles including metal and concrete.

Mixing the product: **INKA-HA** is mixed with a slow speed compulsory mixer. 25 kg of powder (1 bag) should be mixed with 4 to 5 liters of water. (max.) **INKA-HA** should be added to the mixing water slowly while mixing. Small quantities can be mixed by hand but larger quantities must be mixed with a slow speed compulsory hand mixer. 2 to 5 minutes of mixing should result with a cohesive slurry. 5 liters of mixing water should not be exceeded as the final strengths and durability will be reduced significantly.

For trowel applications, the amount of mixing water should be reduced.

Absorbant surfaces should be pre-wetted with clean water. The slurry can be sprayed or applied with a brush or trowel.

The pot life of the slurry, depending on the ambient temperature is around 60 minutes.

The applied product should be protected against extreme temperatures and strong winds until it is fully cured.

For protection against corrosion, minimum 2 layers of coating should be applied.

CONSUMPTION

INKA-HA can be used in a single coat or multiple coats.

As a corrosion inhibitor at least 2 coats should be used.

Depending on the surface condition, consumption is ~2 to 4 kg/m²

ATTENTION

- Water should never be added to **INKA-HA** after the mixing process is completed.
- Application should not be made when the ambient temperature is lower than +5°C and higher than 35°C.
- The pot life of the mixed slurry is around 1 hour @ 20°C.
- During outside applications, the application area should be protected against direct sunlight, wind, rain and frost.
- The remaining product should be kept closed airtight in its original packaging.
- Tools must be cleaned with warm water before the residues fully cure. The cured product should be removed mechanically.

HEALTH & SAFETY

- Contains cement. As it is an irritant material incase of contact, 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.

