



Flexible Crystalline Waterproofing & Damp-proofing Slurry

DESCRIPTION

INKA-FLEKSFILL is a non-shrink, flexible, two component, polymer modified composition of portland cement, silica sand and high grade chemicals used for crystalline waterproofing.

AREAS OF USE

INKA-FLEKSFILL can be used on old and new, durable, reinforced concrete surfaces; especially for the negative pressure waterproofing of:

- Interior and exterior walls of water tanks,
- Interior and exterior walls of basements,
- Exposed surfaces of terraces and balconies,
- Wet areas like bathrooms and toilets,
- Flat roofs,
- Tunnels,
- Bridges and retaining walls, (as a protective coat)
- On all types of structural concrete surfaces (as a protective coat against de-icing salts)

TECHNICAL DATA

• Color:

Comp. A: Milky white liquid

Comp. B: Grey powder

• Unit Weight of Fresh Mortar: ~1,8 kg/lt

• Packaging: Comp. A: 5 kg PE bin

Comp. B: 20 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, away from freezing temperatures

• Standard: Complies with TS EN 1504-2.

APPLICATION

Surface Preparation: The cement dosage of the concrete on the application area should be 300 kgs minimum. Surface must be clean, free from loose particles, dust, grease, oil, scale and rust. Cleaned substrate should be wetted with a brush or sponge.

Mixing the Mortar: For applications by brush Comp.B (powder) should be slowly added onto Comp.A (liquid) at a ratio of 4 : 1, while mixing with a speed controlled hand operated compulsory mixer until the mortar becomes smooth, cohesive and free of lumps and air bubbles. For applications by trowel, liquid component (Comp.A) should be reduced for desired consistency. The prepared mix should be used in 30 to 40 minutes @ 20°C. The working time will shorten at higher temperatures.

Application: The substrate should be thoroughly wetted before starting the application. In order to have a homogeneous layer, a bristle brush should be used. The application should be made in two coats which are applied perpendicular to each other. The surface is then finished with a dry soft sponge.

CONSUMPTION

max. 1,0 – 1,5 kg/m² per coat.

ATTENTION

- Ambient temperature should be above +8° C. 4 kg/m² should not be exceeded in a single coat to avoid shrinkage cracks.
- Component A (liquid) should be kept away from freezing temperatures. If accidental freezing occurs, the thawed product should not be used as it will lose its chemical properties.
- Application should not be made under direct sunlight.
- If the application is going to be made on concrete which sits on a steel deck, the concrete should be fully cured. The waterproofing compound may swell from the surface if applied before 21 days of full cure OR if the application area is subjected to rain during application, especially in hot climates.

HEALTH & SAFETY

- Contains cement and acrylic dispersion. In case of contact with skin and eyes, wash with plenty of water.
- Protective mask should be worn during the preparation of the product.
- Tools must be cleaned with water before residues fully cure.
- Mechanical ventilation might be needed when used in small spaces and/or in spaces with insufficient ventilation.

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.