



Synthetic Resin Based Primer for Concrete Surfaces

PRODUCT DESCRIPTION

INKA-ASTAR is a primer used to seal the porous surfaces of materials such as plaster boards, gypsum plaster, exposed concrete and plastered substrates, prior to waterproofing applications and applications such as fixing tiles and marbles, in order to stop the mortar's mixing water to be absorbed by the surface.

AREAS OF USE & ADVANTAGES

INKA-ASTAR is used;

- on all indoor surfaces thanks to its non solvent containing odorless nature;
- for protecting absorbent substrates against humidity,
- to seal porous surfaces therefore stop shrinkage cracks formed by the water loss of mortar adhesive used to fix tiles and marbles.
- to extend workability and enhance adherence properties of self-leveling mortars to the substrate,
- for laying tiles on porous surfaces,
- to improve anti dusting properties of cementitious mortars used as an underlayment for plywood, carpeting etc...

TECHNICAL DATA

- **Appearance:** Ice blue/white liquid
- **Density (@ 20°C):** 1,0 ± 0,01 kg/lt
- **pH:** 6 - 9
- **Storage:** 12 months when kept unopened and away from freezing temperatures
- **Packaging:** 10 kg, 30 kg PE bins

APPLICATION

Surface Preparation: The substrate should be cleaned from all loose particles, dust, dirt and grease. The cleaned surface should be wetted with a brush or sponge. (**especially absorbant surfaces**)

A- For protection of porous substrates against humidity:

INKA-ASTAR should be mixed thoroughly before use and applied onto surface without any dilution (in a saturating manner) For additional applications on the same surface, the product should be fully cured.

B- To prevent shrinkage cracks which may form due to fast water absorption on areas of mortar applications such as gas concret, gypsum-plaster and brick walls:

INKA-ASTAR should be mixed thoroughly before use and diluted at a ratio of 1/1 with water. It should then be applied onto the surface with a brush or by spraying. On extremely absorbent surfaces, the process should be repeated. For additional applications on the same surface, the product should be fully cured.

C- To extend workability and enhance adherence properties of self-leveling mortars such as **INKA-HTS** to the substrate:

INKA-ASTAR should be mixed thoroughly before use and diluted at a ratio of 1/1 with water. It should then be applied onto the surface with a brush. For additional applications on the same surface, the product should be fully cured.

D- On absorbent substrates prior to laying tiles:

INKA-ASTAR should be mixed thoroughly before use and diluted at a ratio of 1/1 with water for the first layer of application. 2nd coat should be made with the concentrated product. The application should be made with a brush. For additional applications on the same surface, the product should be fully cured.

E- To improve anti dusting properties of cementitious mortars used as an underlayment for plywood, carpeting etc...

INKA-ASTAR should be mixed thoroughly before use and diluted at a ratio of 1/3 with water for the first layer of application. 2nd coat should be made with a dilution ratio of 1/1. The application should be made with a brush.

F- For preliminary surface preparation before waterproofing applications:

INKA-ASTAR should be used as is. (undiluted)

CONSUMPTION

Depending on the water absorption of the surface, ambient temperature and humidity;

A type applications	80-150 gr/m ²
B type applications	50 gr/m ²
C type applications	100 gr/m ²
D type applications	125 gr/m ²
E type applications	100 gr/m ²
F type applications	150 - 200 gr/m ²

ATTENTION

- Substrate temperature should be between +5°C to +30°C.
- Drying time is around 2 hours for the first coat, 2 hours for the second coat and intervals inbetween applications should be around 24 hours.
- **INKA-ASTAR** should be protected from freezing temperatures. If accidental freezing occurs, the product should stand to thaw and mixed again thoroughly before application.
- Tools and equipment must be cleaned with water immediately after use as it will be very difficult to physically remove the residues after the product fully cures.

HEALTH & SAFETY

- Contains acrylic dispersion. Incase of contact with skin and eyes, wash with plenty of water.
- 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.