



### PRODUCT DESCRIPTION

**INKA PLY** is a single component, polymer modified cement based bonding and coating material enhanced with special chemicals, designed for polystyrene and rockwool sheets.

### AREAS OF USE

Providing perfect adherence on both steel and concrete surfaces **INKA PLY** is especially used;

- as an adhesive for fixing polystyrene and rockwool sheets,
- as a protective plaster on polystyrene and rockwool sheets,

It is also used in jobs such as,

- correcting surface defects,
- filling the voids/cavities on concrete surfaces,
- preparing the concrete surface as a preliminary coating,
- acting as a corrosion inhibitor thanks to its watertight structure.

### TECHNICAL DATA

- **Appearance:** Grey powder
- **Unit Weight of Fresh Mortar:** ~ 1,9 kg/lt
- **Storage:** 12 months when kept in a dry and closed area stacked in loads of maximum 5 bags, away from freezing temperatures
- **Packaging:** 25 kg craft paper bag with PE lining
- **Standart:**



113 / 04.2011

Cementitious Plaster -for thermal insulation boards-

### APPLICATION

**Surface Preparation:** Surface must be cleaned from all loose particles, dust, grease, oil, scale and rust. (cleaned with pressurized water @ 100 bars)

**Product Preparation:** 25 kg's of **INKA PLY** should be mixed with ~ 5 - 6 litres of water in a clean container while mixing continuously with a fast speed mixer for about 3 to 5 minutes until a smooth, lump free mix is obtained.

The mortar should be left to rest for 10 minutes and the mixing process should be repeated. The product is now ready for use. Always add powder to liquid.

**As a plaster:** On the insulation board, the plaster is applied in two coats. The plaster mesh should be buried into the first coat and application should be completed with the second coat.

**As an adhesive:** The product should be spreaded onto the surface with a notched trowel. Same application should be repeated on the rear sides of insulation sheets. The sheets then must be pressed into adhesive giving twisting and front and back sliding motion until they are aligned perfectly. It should be checked with a level if the wall is perfectly plumb. Securing polystyrene insulation with dowels should be started 24 hours after the fixing job, when the adhesive fully cures.

### ATTENTION

- Additional water should not be added to **PLY** after the mixing process is completed.
- Pot life of the ready mix is around 45 minutes.
- Do not use **INKA PLY** where environmental temperature is below +5°C and above +35°C.
- For outside applications, the area should be protected against direct sunlight, wind, rain and freezing temperatures.
- The remaining product should be kept closed and airtight in its original packaging.
- Tools must be cleaned with water before residues fully cure.

### CONSUMPTION

5 - 7 kg/m<sup>2</sup> depending on the application method as a **Plaster**.

~ 5 kg/m<sup>2</sup> depending on the surface condition as an **Adhesive**.

### HEALTH & SAFETY

- Contains cement. Incase 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.