



# Water Miscible Mould Release Agent for Conventional Type Wooden Formwork

## PRODUCT DESCRIPTION

**INKA-KA1** is a blend of high quality mineral oils and emulsifiers. It is a mould release agent in concentrated form designed for absorbant surfaces of conventional type wooden formwork.

## AREAS OF USE

**INKA-KA1** is used on all types of formwork, especially on moulds with absorbent surfaces. (including plywood type moulds with worn-out skin/coat)

## ADVANTAGES

- Allows easy stripping of formwork,
- Reduces the amount of concrete residues saving from cleaning times reducing labour costs,
- Allows a uniform, stain-free, smooth surface,
- Will not cause adherence problems after stripping for pending applications like rendering and painting,
- Prolongs the service life of formwork reducing overhead expenses,
- Provides a cleaner working environment and an economical solution when compared to older methods like use of waste oil.

## TECHNICAL DATA

- **Appearance:** Yellowish liquid
- **Density @ 20°C:** 0,86 ± 0,03 kg/l
- **Storage:** 12 months when kept unopened and away from freezing temperatures
- **Packaging:** 25 kg (30 lt) PE bins and 180 kg (210 lt) steel barrels
- **Standart:**



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TS 12153 CLASS 1; TYPE 1; SORT 2; VERSION 1

## APPLICATION

Mould surfaces should be cleaned from all loose materials and mortar residues.

**INKA-KA1** is mixed with water by a ratio of **1 : 4** to **1 : 10** and a white liquid is achieved. The diluted mixture should be stirred occasionally during application.

Application can be made with a brush, roller or spray-gun. Immersion method is also another option. A thin layer should be applied evenly onto the surface. A single thin layer of homogeneous coating gives the optimum result.

Surface of application must be protected from rain for the first few hours.

## CONSUMPTION

Depending on the mould's surface condition and application method; 20 - 40 m<sup>2</sup> per kg. (diluted product)

Depending on ratio of dilution, (1 : 4 ; 1 : 10) wider areas can be covered.

## ATTENTION

- During the mixing process, **INKA-KA1** should be added to water.
- The quality of the mixing water is of great importance.
- Excessive use of **KA1** may leave stains and cause dusting on mould surface.
- On the surfaces of old/used and absorbent moulds, 2nd layer of application may be needed.

## HEALTH & SAFETY

### Health:

- Protective gloves and goggles should be worn.
- In case of contact with eyes, wash with plenty of water and seek medical attention if needed.

### Fire:

- The risk of fire is considerably low due to **INKA-KA1**'s low flash point. However, proper ventilation should be acquired.
- Storage areas should be well ventilated, the product should be stored airtight in its original packaging and the packaging should be kept away from electrical appliances.

## 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.

