



Mould Release Agent Designed for Steel Formwork

PRODUCT DESCRIPTION

INKA-KA2 is a mould release agent designed for easy, smooth and stainfree stripping of large and detailed formwork. The water resistant film coat formed by the reaction of specialty chemicals inside **KA2** and the alkali content of concrete, is the strongest feature of the product providing effortless release.

AREAS OF USE

- Tunnel formworks,
 - Steel formworks,
 - Plastic moulds,
 - Wooden/plywood type moulds etc.
 - Approved for use with steam curing.
 - Compliant for use on heated moulds. (up to 80 °C)
- For other types of application surfaces, contact INKA.

ADVANTAGES

- Especially designed for use on steel moulds, **INKA-KA2** can be used on all types of formwork.
- Allows a uniform, stain-free, smooth surface,
- Reduces the amount of concrete residues saving from cleaning times reducing labour costs.
- Reduces rusting on steel moulds acting as a corrosion inhibitor.
- Maintains its viscosity even at low temperatures.
- Residue/sediment free liquid. Will not cause clogging in spray guns.
- Will not cause adherence problems after stripping for pending applications like rendering and painting.

TECHNICAL DATA

- **Appearance:** Light yellowish liquid
- **Density @ 20°C:** 0,84 ± 0,03 kg/l (TS 781 ISO 758)
- **Viscosity:**
6,0 – 28,0 (@40 °C)
2,4 – 6,0 (@100 °C) (TS 1451)
- **Flash Point:** min.100 °C (TS EN ISO 2592)
- **Yield Point:** min. -20 °C (TS 12339)
- **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

Surfaces of formwork should be clean and dry. A thin layer should be applied evenly with a brush, roller or a spray-gun. A single thin coat gives the optimum result. Excessive product must be removed/mopped up prior to placing the concrete.

CONSUMPTION

Depending on the mould's surface condition and application method;
~ 20 - 50 m² per kg.
For wooden surfaces, preliminary tests should be carried out.

ATTENTION

- Optimum results will be achieved by the thinnest application.
- Excessive use is not economical and results in surface dusting and stain formation.
- The below mentioned consumption amounts are achieved by laboratory tests on horizontal surfaces. These amounts therefore may vary according to actual conditions on site.
- **INKA-KA2** must be protected from freezing temperatures. If freezing occurs, it should be left to thaw in room temperature without any contact with open fire and should be thoroughly stirred before use.
- 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.

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.

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.

