

PRODUCT DESCRIPTION

PlekoRelease OB is a single component oil-based mold release agent designed for various concrete formworks, including steel, plastic, and timber. It ensures clean and easy demolding, extends formwork life, and enhances the surface finish of the concrete. The product is a low-viscosity liquid, easy to apply and effective across a wide range of climatic conditions..

USES

PlekoRelease OB is suitable for use in the following applications:

- For steel, plastic, plywood and timber formwork in the construction industry.
- Suitable for use in precast concrete production.
- Ideal for concrete lab molds and shuttering systems.

PACKAGING

20kg or 200Ltr Drum

COVERAGE

For Metallic formwork: 40-60 m²/l; for Wooden formwork: 25-40 m²/l

Manufacturer does not warrant square meter coverage, which can vary greatly according to application techniques.

PROPERTIES

- **One component, easy to use**
- **Does not stain the concrete surface**
- **Versatile, suitable for all types of formworks**
- **Highly economical**
- **Minimizes waste of concrete**
- **Helps achieve a fair-faced concrete finish**
- **Prevents rust on steel forms**
- **Reduces cleaning time for formwork and concrete plant**

TECHNICAL DATA

Appearance	Straw-colored liquid
Specific Gravity (Kg/L ± 0.5)	0.85
Flash Point (°C)	>60
Solubility	immiscible in water, soluble in aromatic hydrocarbons

INSTALLATION

MIXING

Supplied ready to use.

SUBSTRATE PREPARATION

Ensure all molds are clean and free from rust, grease, cement paste, and other contaminants. Specifically, for steel and plastic formwork, remove rust and concrete residues, and for wooden formwork, remove adhering cement paste and old mold oil.

APPLICATION

Apply PlekoRelease OB by brush, roller, cloth, or spray, ensuring a thin, even film. Avoid excessive application to prevent surface dusting and sagging. For new untreated or absorbent surfaces, a second coat may be required if not used within 2-3 days. Allow the product to evaporate before concreting.

For critical application, before concreting, test product suitability on-site to optimized the procedure.

DEMOLDING

After the concrete has cured, remove the formwork cleanly, ensuring it is wiped or brushed before reapplying PlekoRelease OB for the next use.

LIMITATIONS

Apply only to unfrozen surfaces above 4 °C (40°F). Maintain minimum 4 °C (40°F) ambient temperature for

24 hours after application. Do not allow to freeze. Do not apply to substrates which are wet from dew or rain. Must be protected from rain and freeze until concrete placement.

CLEANING

Clean all equipment with solvent immediately after use.

STORAGE

Store in cool, dry, well-ventilated area, protected from freeze, heat and direct sunlight and at a temperature between 4°C (40°F) and 38°C (100°F), in tightly sealed original container. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. Storage time must not exceed one year.

HEALTH AND SAFETY

Avoid contact with eyes and skin, treat splashes to eyes and skin immediately. Prevent inhalation of fumes. For detailed information refer to relevant material safety data sheet.

The product is flammable. Do not expose to naked flames or other sources of ignition.

Attention

This product is intended for use by qualified professional contractors, as a component of a larger construction system and specification. It should be installed in accordance with given instructions and specifications. Information listed above reflects the criteria for our internal quality test and practical experience. Results depend on listed instructions and consumer skills and are therefore out of our responsibility whether expressed or implied. All values are valid for the product when dispatched from the plant. We reserve the right to change any given specification without notice.