

## EKAN®OIL 50

### Form Release Agent

#### Description

**EKAN®OIL 50** is a synthetic form release oil that facilitates the easy removal of concrete from the formwork, helps in the easy release of trapped air on the concrete surface, and makes it easier to achieve a smooth surface.

Before applying **EKAN®OIL 50**, the formwork surface should be cleaned out properly and the final application area should be dry. This involves the removal of any wooden, steel particles, debris or dust from the surface.

#### Application Guidelines

##### Areas of Use

- Formwork made of wood, plywood, plastic, steel, etc.
- Precast concrete, decorative concrete and eco-friendly concrete structures
- White and colored concrete
- Horizontal and vertical surfaces

##### Consumption

Generally, 1 L of **EKAN®OIL 50** is sufficient for the treatment of 3-5 m<sup>2</sup> formwork surface by brushing. Over-application might cause the concrete face damage.

##### Application

For best performance, **EKAN®OIL 50** should be applied on the formwork as a single thin layer. **EKAN®OIL 50** should either be homogeneously sprayed, or spread with a plain or roller brush.

**EKAN®OIL 50** should not be overapplied, and spread as extensively as possible. It should be ensured that no excess material is left on the surface.

Pre-test is recommended for determining the optimum amount for spray applications.

#### Technical Data

- |                             |                         |
|-----------------------------|-------------------------|
| • Appearance                | : Homogeneous           |
| • Colour                    | : Light Yellow          |
| • Density                   | : 0.87 ± 0.03 kg/lt     |
| • Kinematic viscosity @40°C | : 17 mm <sup>2</sup> /s |
| • Flash point               | : 140°C                 |

#### Shelf Life

**EKAN®OIL 50**'s shelf life is 12 months when stored in its original package in a dry place at temperatures between +5°C and +30°C.

#### Packaging

- Plastic Can: 25 L
- Barrel: 215 L
- Plastic Tank: 1000 L

#### Advantages

- **EKAN®OIL 50**'s ready-to-use formula does not require any dilution.
- **EKAN®OIL 50** is eco-friendly - does not contain mineral oils.
- Suitable for steam-curing
- Improves the lifespan of steel formwork by protecting them from rusting.
- Contributes significantly to formwork budget and labor costs: Formwork is re-usable after a minor cleaning thanks to the **EKAN®OIL 50** effect.
- High viscosity formula does not cause blockage in the spray equipment.

#### Measures

Avoid contact with eyes and skin. Detailed health and safety information is available in the Material Safety Data Sheet (MSDS).



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