

Product Data Sheet
Edition 07.2014
Identification No. RC - 1



KEMREL O

Oil Based Shutter Release Agent

Description

KEMREL O is a chemical release low viscous mineral oil based agent based on mineral oils and specially formulated to give an easy release of formwork , shutter and a high quality surface-finish to concrete.

KEMREL O is specifically developed for use in tropical and hot climatic conditions.

Where to use

KEMREL O can be used :

- To Provide quick, clean and easy tripping of moulds or form work.
- To protect steel and wooden form work.
- To obtain clean and smooth concrete surface.
- Applied to steel, plastic & timber form dash work.

Advantages

KEMREL O provides the following

- advantages :
- Very economical as only a light film is required and environment friendly.
 - Minimum cleaning of shutters before re-use.
 - Improved finish: stain and air free fair faced concrete.
 - Reduces concrete contamination.
 - High coverage and non corrosive to steel.
 - Extends the life of formwork.

Properties

Types	Liquid
Color	Brownish yellow
Specific Gravity	0.83 ± 0.01

How to use

- **KEMREL O** requires no mixing but adequate stirring is advisable.
- Apply **KEMREL O** as one coat only by brush, roller or spray on the clean surface.
- After application of **KEMREL O** it should be allowed to dry before concreting takes place.
- New formwork should be kept dry and after application, it should be protected from rain.
- Moulds previously treated with **KEMREL O** will require only light brushing.
- If a mould oil sprayer is used, it is important that a fine nozzle be fitted, as this should be applied in a light continuous film.
- If it is over applied, excess material should be allowed to drain and then carefully removed from the bottom of the mould by means of a sponge or cloth.

Cleaning:

Clean all tools, equipment with warm water.

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**Theoretical Coverage:**

Timber 25 sq. meters per 1 kg

Steel or plastic 50 sq. meters per Kg.

Packaging:

KEMREL O is supplied in 25 kg. Pails or 200 Kg.drums.

Shelf life & Storage:

Shelf life at least 12 months, in original sealed containers, also it must be Protect from direct sunlight, but unaffected by frost down to -10°C

Health and Safety

- **KEMREL O** is non-toxic.
- Use gloves to avoid contact with skins.
- If skin comes in contact, wash immediately with soap and water.
- Do not use solvents.
- Eye contamination must be immediately washed with water, then seek medical treatment.

Additional Information

PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure.

PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction,

PROKEM extends technical services to include after sales support to assist users in a proper handling of our products.

Environmental Considerations

KEMREL O is environmentally safe .