



## TECHNICAL DATA SHEET

# KEM MRA - 1

## Mould Release Agent

### DESCRIPTION:

KEM MRA-1 is a mould release agent with corrosion inhibitor for all type of formwork especially for metal formwork. On application it provides a clean and smooth release of formwork/shuttering plates resulting a smooth hard uniform finish concrete with reduced incidence of blow holes. It is manufactured from a specially designed blend of refined oils and additives to give improved surface texture of concrete as well as prolong life of shuttering plates/formwork especially metal formwork since it contain corrosion inhibitor. KEM MRA-1 forms a thin water repellent chemical barrier with alkalies in concrete, thus preventing absorption of moisture into the shuttering plates/formwork, thereby enabling easy stripping and acting as a protection to steel and wooden formwork.

### PRODUCT SPECIFICATION / COMPLIANCES:

Appearance	: Pale Yellow Liquid
Specific gravity	: 0.85 ±0.05
pH	: 6.0 – 8.0
Fire point	: 75°C
Shelf life	: 6 months in the original un-opened packing.
Storage	: Keep away from direct sunlight and extreme heat.

### PRIMARY APPLICATIONS:

- KEM MRA-1 can be applied by brush, roller or spraying without any dilution at the rate of 20 – 60 sq.m./ltr, depending upon the porosity and usage condition of substrate.

### PRODUCT FEATURES:

- Useful for all kinds of formwork in all cement concrete applications like railway sleepers, tiles, spun pipes, pre-cast/pre-stressed structures.
- Clean and smooth release of formwork with excellent concrete surface texture.
- Corrosion inhibitor increases life of formwork & non-staining.
- Can be used with steam curing in pre-cast plants with increased productivity.
- Has no negative effect on the properties of concrete nor it will impair the addition of subsequent surface treatments.
- Low consumption and economic



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### TECHNICAL SERVICE:

Chembond has established itself in various fields on the basis of its dependable technical service. For this purpose, we maintain a well equipped laboratory for research & quality assurance of all products. Our experienced personnel are always on call and would always be available for product demonstrations and product performance monitoring.

### SAFETY PRECAUTIONS:

KEM MRA-1 is non toxic and non-flammable. However, any splashes on the human body must be washed with plenty of water.

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