

## MASTEROL MRA

### MOULD RELEASING AGENT FOR CONCRETE

#### DESCRIPTION

**MASTEROL MRA** is a high quality mould releasing agent for concrete supplied as a low viscous pale yellow to brown colored liquid. It forms a film which enables easy stripping formwork of concrete. The unique formulation of MASTEROL MRA provides fair faced stain free concrete together with easy stripping of moulds. On all mould types the easier release & reduced residue minimize the chance of damage to the mould surface during stripping & cleaning.

#### FEATURES / ADVANTAGES

- Easy to apply, resistant to heat upto 60°C hence especially suitable in hot weather concreting areas on moulds.
- Plasters, screed can be applied later on the substrates
- Provides high quality concrete surface with sharp corners.
- Can be used in all kind of moulds.
- Protects wooden formwork from absorbing water and swelling.
- Protects steel formwork against corrosion.
- Extends formwork life.
- Minimizes surface blemishes & staining, promoting high quality fair-faced concrete.

#### TYPICAL APPLICATIONS

- All types of formworks used for concreting
- Moulds in precast industry
- Moulds in precast industry where steam curing is done
- Moulds in casting concrete in hot weather conditions

#### TYPICAL CHARACTERISTICS

- Nature : Single component liquid
- Color : pale yellow to brown
- Specific gravity. : 0.830 ± 0.05 gm./cc

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- Working temperature range : 15°C to 70°C
- Harmful contents : No harmful content, Chloride free hence does not affect steel

### **DIRECTIONS FOR USE**

#### **METHOD OF APPLICATION**

MASTEROL MRA should be applied on moulds after cleaning. All moulds must be cleaned of surface deposits of rust, concrete, oil or other materials; this is best affected by using strong industrial detergent together with stiff brushing followed by thorough rinsing with clean water. The use of chemical degreaser (Masterklean DGA) may be used if required for cleaning of moulds. It can be applied by brush, sponge, conventional mould oil sprayer or cotton waste. If oil sprayer is used then it is important that fine nozzle is fitted as MASTEROL MRA should be applied in light continuous film. If Masterol MRA is over applied, excess material should be allowed to drain & then be carefully removed from the bottom of the mould by means of sponge or cloth. After using the formwork or mould it should be cleaned or wiped to remove any excess of dust prior to reapplication of Masterol MRA for the next use of the mould. Masterol MRA should be applied only in the concentrated form not be diluted further with solvent or water. The coverage is approximately 30-50m<sup>2</sup> per liter. Excessive application should be avoided.

#### **CLEANING OF TOOLS AND EQUIPMENTS**

Tools and equipment's should be washed with solvent. E.g. Turpentine, Xylene, Toluene etc.

#### **STORAGE AND SHELF LIFE**

Store the material at cool and dry place (25°C temp). Shelf life is 1 year from the date of manufacturing when stored in the original unopened containers. Keep away from the sources of heat.

#### **PACKING**

20 Litres & 200 Litres containers as per requirement

#### **PRECAUTIONS**

- When it falls on the skin, it should be washed well with soap and water & take medical advice.
- It is advisable to wear goggles when spraying. Inhalations of spray should be avoided; if product is swallowed does not induced vomiting obtain medical attention immediately.

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#### DISCLAIMER

The above information and details herein are based on the tests conducted & experience on application and usage. The user is advised to carry out the test and take trials to satisfy on the suitability of the products and meeting his requirement considering the prevailing conditions prior to apply/ using it on larger area. As the conditions under which the products are used or transported are beyond our control. We would not hold ourselves responsible on its consequential non performance.