

# TECSY MRA 509

## Oil based mould release agent

### DESCRIPTION

Tecsy MRA 506 is ready to use, oil based mould release agent which is suitable for mould and shutter faces prior to casting concrete in order to achieve a clean release. After removal of form work, the resultant concrete has a smooth hard uniform finish, with reduced incidence of blow holes. TECSY MRA 509 can be applied to the form work by spray in the form of light uniform mist coating.

### RECOMMENDED USES

- Prestressed, Precast and pipe plants
- RCC Structures
- MIVAN Structures

TECSY MRA 509 is oil suited for shutter faces made from wood, steel, fiber glass, aluminium & paper.

TECSY MRA 509 reacts chemically with cement to impart excellent release properties to treated surfaces.

Concrete cast against surfaces coated with TECSY MRA 509 exhibit a smooth, hard, uniform finish.

### ADVANTAGES

- Provides a clean positive release even in intricate and difficult casting conditions.
- Reduced labor cost, cleaning time and possible damages to the formwork.
- Water resistance chemical barrier- ensures fast, clean stripping of forms
- No residue transfer – stain free and less voids
- Does not harm concrete – compatible
- Alkali resistance – protect aluminium form
- Rapid drying – immediate replacement
- Easy to apply.
- Reduce corrosion on steel form work.
- Enhance the re-usability of shutters.

## APPLICATION INSTRUCTION:

TECSY MRA 509 ready to use, so it does not need to stir continuously but also it is recommended to shake it before using.

Apply before the first casting and thereafter re-apply immediately after stripping and cleaning the mould.

Light weight horticultural sprayers are ideal as TECSY MRA 509 is finely atomized to give a uniform coating. Excessive application should be avoided. Alternatively, application may be made by a fine-haired brush; only a very thin coating should be made and any excess removed.

If after the first application, TECSY MRA 509 is completely absorbed into new timber or plywood, a further application should be made before filling the mould or formwork.

## TYPICAL PROPERTIES

Appearance	:	Light to Dark Amber Colour Liquid
Relative Density	:	0.86 – 0.90 @ 25°C
Flash Point	:	< 150 °C
Composition	:	blend of release agents in hydrocarbon carrier

## COVERAGE

On not absorbent surfaces (steel, plastic etc) approximately 20-25 m<sup>2</sup> can coated with 1 ltr product by spraying. In case brush or roller application approximately 25 m<sup>2</sup> surface can be coated with 1 ltr TECSY MRA 509.

## STORAGE AND SHELF LIFE

TECSY MRA 509 must be stored where temperature does not drop below 5°C, under cover, out of direct sunlight and to be protected from extremes of temperature.

Shelf Life - 12 months from the date of manufacture.

## PACKING

TECSY MRA 509 is available in 20 ltr, 50 ltr and 200 ltr HDPE drums.

### DISCLAIMER

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