

# MasterFinish<sup>®</sup> RL 225

## Water based chemical release agent

### MATERIAL DESCRIPTION

A ready to use water based, safe, effective release agent which is friendly to the environment. **MasterFinish RL 225** is applied to mould and shutter faces prior to casting concrete in order to achieve a clean release. After removal of the formwork, the resultant concrete has a smooth, hard, uniform finish, with reduced incidence of blow holes. **MasterFinish RL 225** can be applied to the formwork by spray in the form of a light uniform mist coating.

### TYPICAL APPLICATION

**MasterFinish RL 225** is formulated for application to plywood, timber, steel and plastic faced formwork and moulds, prior to casting concrete, to ensure a clean release.

### PACKAGING

**MasterFinish RL 225** is available in 20 and 210 litre drums. Bulk deliveries available upon request.

### COMPOSITION

A chemically active release agent blended with water.

### TYPICAL PROPERTIES

Properties listed are for guidance and are not a guarantee of performance.

Appearance	Milky liquid
Specific gravity	0.971 at 25°C
Chloride content	<0.005%

### DIRECTIONS FOR USE

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

Lightweight horticultural sprayers are ideal as **MasterFinish RL 225** is finely atomised 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, the **MasterFinish RL 225** is completely absorbed into new timber or plywood, a further application should be made before filling the moulds or formwork.

### ACTION

**MasterFinish RL 225** reacts chemically with cement to impart excellent release properties to treated surfaces. Concrete cast against surfaces coated with **MasterFinish RL 225** exhibit a smooth, hard, uniform finish.

**MasterFinish RL 225** has no negative effect on the properties of concrete nor will it impair the adhesion of subsequent surface treatments when applied at the recommended coverage rates.

### COVERAGE

The coverage rate for **MasterFinish RL 225** is between 30 to 40m<sup>2</sup>/litre when spray applied depending on smoothness and porosity of the formwork used. Coverage is considerably enhanced on marine ply and steel faced forms.

### Note:

Progressively better results are obtained on plywood and timber moulds as they become impregnated and the operatives become accustomed to working with the release agent. **MasterFinish RL 225** in general, may be used over timber moulds etc., which have been treated with other mould oils, providing excess has been removed.

### EQUIPMENT CARE

**MasterFinish RL 225** may usually be left in spray guns or sprayers without detriment, but with certain types, there may be some softening of rubber seals with prolonged contact.

### SAFETY PRECAUTIONS

Avoid contact with eyes and prolonged contact with skin. During application, always wear gloves and appropriate clothing to minimise contact. In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes. Should skin contact occur, wash immediately with soap and water. Seek the advice of a physician should symptoms persist.

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### STORAGE

Shelf life is 1 year when stored under cover, out of direct sunlight and protected from extremes of temperature.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult MBS's Technical Services Department.

### NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local MBS representative.

MBS reserves the right to have the true cause of any difficulty determined by accepted test methods.

\* Properties listed are based on laboratory controlled tests.

® = Registered trademark of the MBCC-Group in many countries.

### QUALITY AND RESPONSIBLE CARE

All products originating from MB Construction Chemicals Solutions are manufactured under a management system independently certified to conform to the requirements of the quality standards ISO 9001, environmental and occupational health and safety standards.

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### DISCLAIMER

The technical information and application advice given in this MB Construction Chemicals Solutions Kenya Ltd publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

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