

# MasterFinish<sup>®</sup> RL 225

Water based chemical release agent

## DESCRIPTION

A ready to use water based, safe, effective release agent which is friendly to the environment. **MasterFinish RL 225** is applied to mold 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.

## PRIMARY USES

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

## PACKAGING

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

## TYPICAL PROPERTIES\*

Color	Milky liquid
SG finished product	0.971 at 25°C
Chloride content:	Nil

## COMPOSITION

A chemically active release agent blended with water.

## DIRECTIONS FOR USE

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

Lightweight horticultural sprayers are ideal as **MasterFinish RL 225** 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, the **MasterFinish RL 225** is completely absorbed into new timber or plywood, a further application should be made before filling the molds 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>/liter 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 molds 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 molds etc., which have been treated with other mold 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.

## STORAGE

Store under cover, out of direct sunlight and protect from extremes of temperature. Storage life up to 1 year when stored in unopened containers as above. The product must be stirred before being used.

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

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## NOTE

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

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

## QUALITY AND CARE

All Master Builders Solutions Products are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health and safety standards of ISO 9001 and Master Builders Solutions ESHQ recommendations.

\* Properties listed are based on laboratory controlled tests.

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

## CONTACT

Should you require any further information, please do not hesitate to contact us:

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### Disclaimer:

In view of widely varying site conditions and fields of application of our products, this technical data sheet is meant to provide general application guidelines only. This information is based on our present knowledge and experience. The customer is not released from the obligation to conduct careful testing of suitability and possible application for the intended use. The customer is obliged to contact the technical help-line for fields of application not expressly stated in the technical data sheet under "Fields of Application". Use of the product beyond the fields of application as stated in the technical data sheet without previous consultation with Master Builders Solutions and possible resulting damages are in the sole responsibility of the customer.

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