

# Reebol WB

## Water based formwork and mould release agent

### USES

To provide quick, clean and easy stripping of moulds and formwork and ensure high quality fair-faced and stain-free concrete.

### ADVANTAGES

- Low cost and economical
- Non-hazardous, non-toxic
- Ensures good fair-faced concrete
- Non-staining
- Minimises cleaning of shutters before re-use
- Can be used on all types of formwork
- Does not rust steel moulds or equipment
- Does not inhibit application of paints etc to finished concrete (field trials should be conducted)

### DESCRIPTION

Reebol WB is an emulsified blend of mineral oils and non-hazardous chemicals, specially formulated to produce release properties which are superior to those of a conventional mould oil.

Reebol WB is supplied as a sprayable white liquid, ready for direct application on site.

The chemically reactive components in Reebol WB provide a water repellent interface which protects formwork and ensures an even colour and texture of the cast concrete.

In addition to preventing adhesion of the cement matrix to the formwork, Reebol WB will allow air to escape from the interface during concrete placing and vibration. This release of air minimises surface blemishes and results in a substantial reduction in remedial costs.

### TECHNICAL SUPPORT

Parchem offers a comprehensive range of high performance, high quality repair, maintenance and construction products. In addition, Parchem offers a technical support package to specifiers, end-users and contractors, as well as on-site technical assistance.



### PROPERTIES

Data quoted typical for this product, but does not constitute a specification.

Colour: White

Specific gravity at 20°C: 0.995

Viscosity at 20°C (Ford Cup A4): 10 seconds

Formwork surfaces: Reebol is designed for use with timber, steel, G.R.P., plasply and other resinous formwork coatings

Non-staining: Does not stain concrete and can be used safely with white cement

Steam curing: Reebol WB is effective at elevated temperatures and can be used for steam curing at 75°C

### APPLICATION INSTRUCTIONS

#### PREPARATION OF NEW MOULDS

No preparation is necessary but if extensive re-use of timber moulds is envisaged, it is advisable to protect all new surfaces from alkali attack which can result in a very short usable life. Steel moulds require no special treatment other than the removal of rust or oil, although wetting out may be improved by lightly abrading the surface.

#### PREPARATION OF USED MOULDS

All traces of adherent material either concrete or previous oil deposits must be removed prior to use.

Moulds previously used with Reebol WB will require only light brushing as the presence of fine dust will improve the wetting out properties of Reebol WB. This will usually result in improved release properties on the second and subsequent uses of the mould.



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## COATING

Reebol WB can be applied by brush or conventional mould oil sprayer. If a mould oil sprayer is used care should be taken to ensure that a fine nozzle is fitted as Reebol WB should be applied in a light continuous film. If Reebol WB is over applied, excess material should be allowed to drain and then carefully removed from the bottom of the mould by means of a sponge or cloth. Pools of Reebol WB should not be allowed to dry otherwise surface retardation of the concrete may occur.

Unlike conventional mould oils, Reebol WB does not possess residual release properties so it is important prior to each occasion of use, all areas of the mould are re-coated. Particular attention should be paid to coating mould rims in order to avoid adhesion of overspill cement slurry.

## DRYING TIME

Freshly applied Reebol WB is easily removed when wet and should therefore remain undisturbed until completely dry. In hot dry climates drying time may be as little as 10 - 15 minutes, but in conditions of low temperatures and high humidity, 1 - 2 hours might be required. In adverse drying conditions the use of a warm air blower directed onto the mould is strongly recommended. Protection from heavy rainfall subsequent to application is also strongly recommended.

When dry, Reebol WB is sufficiently durable to withstand foot traffic, i.e. for the fitting of reinforcement. However, it is important that such access be limited in order to minimise contamination or abrasion of the applied Reebol WB film.

## CLEANING

Should the sprayer be subsequently required for a solvent or oil based product, it is advisable to wash out with clean water and allow to drain. Brushes should be washed well in clean tap water after use.

## ESTIMATING

### SUPPLY

Reebol WB: 200 litre drum

### COVERAGE

Steel: 30 m<sup>2</sup>/litre

Coated Form Ply: 20 m<sup>2</sup>/litre

Coverage rate is dependent on the porosity of the mould material being used. The coverage rate and the form release properties of Reebol WB will be reduced if the formwork is of an old/worn nature.

## STORAGE

Shelf life is at least 18 months. If protected from frost or prolonged exposure to elevated temperatures.

## ADDITIONAL INFORMATION

Parchem provides a wide range of complementary products which include:

- concrete repair – cementitious and epoxy
- grouts and anchors – cementitious and epoxy
- waterproofing membranes – liquid applied, cementitious and bituminous sheet membranes
- waterstops – pvc and swellable
- joint sealants – building, civil and chemical resistant
- industrial flooring systems – cementitious and epoxy
- architectural coatings
- filler boards – swellable cork, bituminous and backing rod
- ancillary products

For further information on any of the above, please consult with your local Parchem sales office.

## IMPORTANT NOTICE

A Material Safety Data Sheet (MSDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the MSDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

## PRODUCT DISCLAIMER

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

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