

Water based chemical 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

- Ensures easy release, reducing damage and improving efficiency of production.
- Minimises surface blemishes and staining, promoting high quality fair-faced concrete even with white cement.
- Reduces opportunity of damage to formwork, extending usable life.
- Minimises cleaning of formwork before re-use.
- Suitable for use with virtually all types of formwork.
- Inhibits corrosion of steel formwork.

Description

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

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 in the cast concrete.

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

Properties

Colour	:	White
Specific gravity at 20°C	:	0.995
Viscosity at 20°C (Ford cup A4)	:	10 secs
Chloride content(BS 5075)	:	NIL

Formwork Surfaces: Reebol WB is compatible with timber, steel, GRP and resinous formwork surfaces.

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.

Instructions for use

Mould preparation

Steel moulds require no special treatment other than the removal of rust or oil, wetting out may be improved by lightly abrading the surface.

Preparation of used moulds

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

Application

Reebol WB may be applied by brush or conventional mould oil sprayer. If a mould oil sprayer is used, it is important 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 be 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 will occur.

Unlike conventional mould oils Reebol WB does not possess residual release properties, so it is important that 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.

After stripping or demoulding

After use, the formwork or mould should be brushed or wiped clean of any excess dust prior to re-application of Reebol WB for the next use of the mould. The use of Reebol WB minimises the amount of time and effort required for this process.

Repair of moulds

If, after extended use, mould surfaces require repair or re-coating with polyurethane sealer, all residual traces of Reebol WB must be removed to ensure complete adhesion. This is best effected by using a strong industrial detergent together with stiff brushing, followed by thorough rinsing with clean water.

Fosroc Reebol WB

Estimating

Supply

Reebol WB : 210 litre drums

Coverage

Reebol WB : 20 - 75 m²/litre

Note : Depends on substrate e.g. for high quality smooth steel 75m²/ litre. For fair faced plywood 20m²/ litre.

Storage

Reebol has a minimum shelf life of 12 months when stored in the original unopened containers under normal warehouse conditions, below 40°C.

Fire

Reebol WB is water based and is therefore non-flammable.

Precautions

Health and safety

Reebol WB is non-toxic, however it is advisable to wear goggles when spraying. Inhalation of spray should be avoided. In the case of excessive skin contact wash with soap and water and apply skin conditioning cream. Should contact with eyes occur, flush with clean water for 10 minutes. If irritation persists obtain medical advice, if product is swallowed - **do not** induce vomiting, obtain medical attention immediately.

Cleaning and disposal

Spillages of Reebol WB should be absorbed onto sand, earth or vermiculite and transferred to suitable containers. Contaminated areas will become slippery therefore care must be exercised.

The disposal of excess or waste material should be carried out in accordance with local legislation under the guidance of the local waste regulatory authority.

Additional Information

Fosroc manufactures a wide range of complementary products which include :

- waterproofing membranes & waterstops
- joint sealants & filler boards
- cementitious & epoxy grouts
- specialised flooring materials

Fosroc additionally offers a comprehensive package of products specifically designed for the repair and refurbishment of damaged concrete. Fosroc's 'Systematic Approach' to concrete repair features the following :

- hand-placed repair mortars
- spray grade repair mortars
- fluid micro-concretes
- chemically resistant epoxy mortars
- anti-carbonation/anti-chloride protective coatings
- chemical and abrasion resistant coatings

For further information on any of the above, please consult your local Fosroc office - as below.

Technical support

Fosroc offers a comprehensive technical support service to specifiers, end users and contractors. It is also able to offer on-site technical assistance, an AutoCAD facility and dedicated specification assistance in locations all over the world

* Denotes the trademark of Fosroc International Limited

† See separate data sheet



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Important note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Service. **All Fosroc datasheets are updated on a regular basis. It is the user's responsibility to obtain the latest version.**

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