



Reebol WB*

Water based, chemical mould release agent

Uses

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

Advantages

- Ensures easy release, reducing damage and improving efficiency of production
- Minimizes surface blemishes and staining, promoting high quality fair-faced concrete even with white cement
- Reduces opportunity of damage to formwork, extending usable life
- Minimizes 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 minimizes surface blemishes and blow holes resulting in a substantial reduction in remedial costs.

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, AutoCAD facility and dedicated specification assistance in locations all over the world.

Properties

Colour	: White
Specific gravity @ 20°C	: 0.995 kg/litre
Viscosity @ 20°C (Ford cup A4)	: 10 seconds

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 minimizes the amount of time and effort required for this process.

Repair of moulds

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

Reebol WB*

Estimating

Supply

Reebol WB : 20 & 210 litre drums

Coverage

Reebol WB : 50 – 75 m²/litre

Storage

Reebol WB has a minimum shelf life of 12 months when stored in the original unopened containers under normal warehouse conditions.

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.

Fire

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

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.

The Right Chemistry for Construction

Fosroc is one of the world's major manufacturers of advanced technology chemical based products for the construction and refurbishment industries. It operates internationally through a network of operating companies, licensees, distributors and agents.

Having over 70 years experience and using global resources for research and technical development, Fosroc has built a substantial worldwide reputation in manufacturing the most comprehensive range of high performance construction chemicals:

- Concrete admixtures
- Surface treatments
- Grouts and anchors
- Concrete repair
- Industrial flooring
- Protective coatings
- Joint sealants
- Waterproofing
- Adhesives
- F.R.P Structural Strengthening
- Specific building products

* Denotes the trademark of Fosroc International Ltd.



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.

Fars Iran Limited

No. 9, 25 th St., Khaled Eslamboli
(Vozara) Ave., Tehran 15139 - Iran

telephone:
+98 (21) 88719021

fax:
+98 (21) 88721664

email:
iran@fosroc.com

www.fosroc.com

