

Corrorelease WB

Water based shutter release agent

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Product Features

Corrorelease WB is a special blend of emulsified mineral oils and chemical additives, designed to give quick and easy release of concrete shutters and formwork, whilst giving a water repellent surface that promotes a smooth, clean surface, which also allows easy release of air voids therefore reducing the amount of surface imperfections and blemishes.

Corrorelease WB is non-staining and contains corrosion inhibitors and preservatives that extend the life of both steel and wooden forms, whilst reducing the cleaning time required ready for re-use.

Typical Uses

Corrorelease WB is typically used on all types of formwork such as steel, wood, GRP etc to facilitate easy release from the concrete.

Technical Data		
Properties	Test Standards	Typical Values
Colour		: Milky white
Specific Gravity	ASTM D 1475	: 0.87 ± 0.02

Note: All values given are subject to 5 - 10% tolerance.

Directions for Use

Preparation

Ensure formwork surfaces are clean and free from contamination such as existing concrete, dust, oil, grease, organic growth & other release agents.

Priming

No priming is required for this product.

Mixing

No mixing is required for this product.

Application

Apply **Corrorelease WB** using brushes, rollers or low pressure spray equipment directly on the formwork to a theoretical coverage rate of 20 – 60 m² per litre in a continuous uniform coating.

A second coat of **Corrorelease WB** may be required if the substrate is particularly porous.

Strike the formwork after the concrete has gained sufficient strength to support its own weight.

Re-apply **Corrorelease WB** each time the formwork is used.

Hot weather conditions

For application above 40°C we recommend adopting the following guidelines:

Store materials in a cool preferably air conditioned environment.

Avoid exposure of materials to direct sunlight.

Keep equipment that will be in contact with the product cool and away from direct sunlight.

Avoid application during the hottest time of day.

This material is flammable therefore keep the lid tightly closed on the drum at all times.

Cleaning

Clean tools and equipment immediately after use with plain running water.

Limitations

Substrate temperatures should be above 5°C and rising.

For application in temperatures above 40°C please refer to hot weather condition recommendations.

Avoid application if the work area may be subject to the onset of rain or moving water.

The product should not be thinned with any type of solvent under any circumstances.

If the above general application details do not meet with your requirements, please contact Corrotech for a project specific method statement.

Estimating

Corrorelease WB pack size: 200 litre drums. Coverage rate approximately 20 - 60 m² per litre depending on substrate

All coverage rates given are theoretical and subject to actual site conditions. We recommend trial areas are done to establish practical consumption.

Health & Safety

Always use appropriate PPE including gloves, goggles and a barrier cream to avoid contact with skin and eyes.

Should contact with skin or eyes occur, wash immediately with plenty of clean water and seek medical advice.

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If swallowed, seek medical attention immediately. Do not induce vomiting.

Avoid inhalation and ensure adequate ventilation or suitable respiratory equipment if working in confined spaces.

Always refer to the product Material Safety Data Sheet (MSDS) for full health & safety and handling recommendations.

Storage

Corrorelease WB has a maximum shelf life of 12 months from the date of manufacture.

To maximize shelf life always store products in their original, unopened packaging in a dry environment, away from direct sunlight with a minimum temperature of 10°C.

Damaged packaging, high humidity or extreme temperatures may reduce the shelf life.