



**ROBUSTO**

# TECHNICAL DATA SHEET

## ROBUSTO RELEASE 108WB

### PRODUCT DESCRIPTION:

**ROBUSTO RELEASE 108WB** is a ready for use, single component, water based release agent, specially formulated to prevent adhesion of concrete to formwork, hence reducing damage and ensuring high quality, fair faced and stain free concrete with good surface finish.

### USES:

**ROBUSTO RELEASE 108WB** is used as a release agent for most types of formwork allowing for easy stripping of formwork and improving concrete finish.

### ADVANTAGES:

- Easy release reduces damage to concrete surface and improves finish.
- Minimizes surface blemishes and staining.
- Improves fair-faced concrete quality.
- Inhibits corrosion of steel formwork.

### BENEFITS:

- Reduces opportunity of damage to formwork.
- Extends formwork usable life.
- Minimizes cleaning of formwork before re-use.
- Concentrate form reduces storage and transportation cost.

### TECHNICAL PROPERTIES @ 25°C:

Colour	: Cloudy milky white liquid
VOC	: <250 gm/Ltr
Specific Gravity	: 0.85 ± 0.05
Chloride Content	: Nil

### METHOD OF USE:

**Surface Preparation:** Formwork must be cleaned of surface deposits, rusts, concrete, oil or other materials. Inadequate cleaning may lead to surface blemishes. Coating may timber formwork with a polyurethane sealer will protect the formwork, increase service life and improve concrete surface finish.

**New Moulds:** No preparation is normally necessary unless metal moulds show signs of rust, then these must be wire brushed or treated with emery cloth and burnished clean before coating.

**Used Moulds:** Must be thoroughly cleaned and free from old concrete, dirt, cement, laitance, old mould oil and grease, settles for cement and concrete deposits.

### APPLICATION:

**ROBUSTO RELEASE 108WB** can be applied by using brush, sponge or by spray; Non-absorbent surfaces require a single application. New, unsealed timber surfaces may need recoating if the first application is absorbed into the timber. If the product is over applied excess material should be drained and then carefully

removed by using a sponge or a cloth.

**Note:** Cleaning concrete forms after stripping, using of **ROBUSTO RELEASE 108WB** will minimize the time and effort requires for this stage.

**Rainfall:** It is necessary to protect freshly coated formwork from rain which may dilute the emulsion before it has dried. Once dried the coating will withstand an occasional light shower but may be affected by heavy or continuous rain. In such cases, a further coat is advised once surface has dried out thoroughly.

**De-moulding:** De-moulding can be carried out in the normal way and no special precautions are necessary.

**After De-moulding:** Formwork surfaces must be thoroughly cleaned, but this is normally easy due to the excellent release action.

**Before Re-Use:** The cleaned formwork surfaces must be recoated with **ROBUSTO RELEASE 108WB** each time, in accordance with normal practice.

### **PACKAGING:**

**ROBUSTO RELEASE 108WB** is available in 50 Liter can and 200 Liter drum supply.

### **COVERAGE:**

**Unsealed Timber or Plywood:** Covers 70-90 m<sup>2</sup>/6 liters depending on type of formwork and type of application.

**Steel or Sealed Plywood:** Covers 100-150 m<sup>2</sup>/6 liters depending on type of formwork and type of application.

### **STORAGE:**

**ROBUSTO RELEASE 108WB** should be stored under cover at a minimum ambient temperature of 5°C.

### **SHELF- LIFE:**

**ROBUSTO RELEASE 108WB** has a shelf -life of 12 months from the date of manufacture if stored in proper conditions and sealed drums.

If these conditions are exceeded, RCPL's Technical Department should be contacted for further advice.

### **HEALTH & SAFETY:**

**ROBUSTO RELEASE 108WB** is not classified as hazardous material.

**ROBUSTO RELEASE 108WB** should not come into contact with skin and eyes. In case of contact with eyes wash immediately with plenty of water and seek medical advice promptly. In the time of application should use hand gloves and eye protection.

### **FIRE:**

**ROBUSTO RELEASE 108WB** is water based mould release agent and non-flammable.

### **DISCLAIMER:**

*The manufacturer reserves the right to change the specifications. RCPL products are guaranteed against material manufactured and are sold subject to the company's Terms and Conditions of Sale. Whilst we endeavour to ensure that advice, specifications, recommendations, and information given is correct, we cannot have control over how our products are applied and will not accept liability, directly or indirectly, arising from application of our materials.*

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