



**ROBUSTO**

# TECHNICAL DATA SHEET

## *ROBUSTO RELEASE 108WBV*

### **PRODUCT DESCRIPTION:**

**ROBUSTO RELEASE 108WBV** is a ready for use, single component, water based release agent, emulsified blend of vegetable oil, 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 108WBV** 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 Clear Liquid
VOC	: <10 gm/Ltr
Specific Gravity	: 1.00 ± 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 new 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:**

Apply **ROBUSTO RELEASE 108WBV** can be applied by using brush, spray or sponge application. 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.

**ROBUSTO RELEASE 108WBV** will minimize the time and effort required for this stage.

**Drying Time:** It is essential that the **ROBUSTO RELEASE 108WBV** coating is thoroughly dried before placing concrete, otherwise its performance may be impaired. In conditions of high humidity drying time will be much longer than in warm dry conditions.

**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..

#### **PACKAGING:**

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

#### **COVERAGE:**

35-65 m<sup>2</sup>/liter depending on type, quality and absorption of formwork.

#### **STORAGE:**

**ROBUSTO RELEASE 108WBV** should be stored under cover at a minimum ambient temperature of 5<sup>0</sup>C.

#### **SHELF- LIFE:**

**ROBUSTO RELEASE 108WBV** 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:**

Contact with skin, eyes or mucous membrane may cause irritation. Wear suitable gloves and eye protection. Accidental skin contact should wash with soap and water.

In case of contact with eyes rinse immediately with plenty of fresh water and seek medical advice. For further information refer to the Material Safety Data Sheet.

#### **FIRE:**

**ROBUSTO RELEASE 108WBV** is vegetable oil based mould release agent and its 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.*

