

## **CX EASY MOULD**

**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, good fair-faced concrete
- Can be used on all types of formwork
- Minimizes surface blemishes and staining
- Minimizes cleaning of shutters before re-use
- Reduces opportunity of damage to formwork, extending usable life

### **Description**

CX EASY MOULD is specially formulated blend of mineral oils and chemicals having release properties which are superior to those of conventional mould oil. The chemicals react with the alkali in the concrete to form a thin water repellent skin on the surface of the mould, thereby enabling easy stripping from concrete and acting as a protection to steel and wooden formwork.

CX EASY MOULD is supplied as a pale straw colored liquid ready for direct application and use.

### **Properties:**

- **Specific gravity:** 0.83 at 27°C
- **Service temperature:** Suitable for use with steam cured concrete.
- **Formwork surfaces:** Equally effective on wood or metal moulds and shutters. Particularly effective on GRP and other resinous coatings including CX EASY MOULD coated wooden surfaces.
- **Non-staining:** Does not stain concrete and can also be used safely with white cement.
- **Concrete surface quality:** In addition to preventing adhesion of the cement paste to the mould or shutter face, REMOL allows air, which would otherwise be trapped, to escape from the face when the concrete is being poured and vibrated. Pockets of air, trapped on the shuttered faces of concrete, are a major cause of imperfections, necessitating remedial work. CX EASY MOULD avoids time and money spent on this.  
The chemical reaction between CX EASY MOULD and the cement in a concrete mix produces a strongly hydrophobic surface. This repels surplus water at the interface with the mould and by protecting the concrete from its effects, preserves uniformity of surface texture and color.
- **Re-use of moulds:** Due to excellent release properties, little or no deposit of cement paste remains on the shutter surface. Minimum cleaning down and further coat of CX EASY MOULD renders shutters ready for reuse
- **Economic benefits:** On account of the high rate of coverage, the applied cost of CX EASY MOULD chemical mould release agent compares favorable with that of conventional mould oil. Having regard to the technical benefits additionally obtained, the overall economy of using CX EASY MOULD can be significant.

### **Application instructions:**

#### **Preparation of new moulds:**

No preparation is necessary, but if extensive reuse of timber mould is envisaged, it is advisable to protect all new surfaces with CX EASY MOULD. CX EASY MOULD protects timber from alkali attack which can result in a very short usable life. For used moulds, all traces of cement must be removed together with any surface deposit of previous oils.

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### **Coating:**

CX EASY MOULD can be applied by brush, sponge or conventional mould oil-sprayer. If a mould oil-sprayer is used, care should be taken to ensure that the correct nozzle size is chosen. Stir the contents of the container thoroughly before use. Apply one coat of CX EASY MOULD thinly and evenly over the entire surface. Only the thinnest coating necessary to achieve effective coverage should be applied. Excess application is uneconomical and may lead to surface dusting.

Wipe or brush off any particles that may remain on the surface and apply one coat of CX EASY MOULD as previously. If it is required to remove CX EASY MOULD completely, a strong industrial detergent should be applied together with stiff brushing and then thoroughly rinsed with clean water.

### **Estimating**

#### **Packing**

CX EASY MOULD is supplied in 200, 20 liter and 5 liter containers.

### **Coverage**

Coverage between 20 to 60m<sup>2</sup> per liter is possible depending upon the porosity and texture of mould surface.

### **Storage**

#### **Shelf life**

12 months. It must be stirred thoroughly before use.

### **Precautions**

#### **Health & safety instructions**

Gloves should be worn when handling CX EASY MOULD. Splashes on the skin should be removed with soap and water. Contact with eyes must be avoided and accidental contamination should be washed thoroughly with plenty of water and medical treatment sought immediately. Good ventilation should be ensured and smoking during use is prohibited.

### **Fire**

Due to the high flash point the flammability risk of CX EASY MOULD is low. Ensure adequate ventilation. Using CX EASY MOULD near naked flame or smoking during use should be avoided.