

## C-RELEASE XR 60<sup>TM</sup>

### Bio-Concrete Forms Release Emulsion

Is highly effective as a forms release or parting compound for cast concrete products. This bio-based formula results in smooth finishes on concrete cast from slurries. In addition to its performance as a parting compound, the product is effective as a rust preventative, protecting the metal forms from rusting during use and storage. The absence of rust on the forms eliminates staining of the formed piece and serious loss of the forms themselves. It allows the metal forms to stay clean; "hang-up" or excessive deposits on the form edges are virtually eliminated. This product is also biodegradable, which is highly important because of loss into the environment. Because of the high flash, the product is safer than petroleum products. This product is more fire resistant and contains no volatile organic compounds (VOCs).

**C-RELEASE XR60<sup>TM</sup>** is supplied as a liquid emulsion ready for mixing with clean water to provide cost effective and highly efficient mould oil.

Product description	
Composition:	Vegetable oil emulsion
Appearance :	White liquid
Density, 25°C :	approx.0.92 g/cm3 ASTM D 1298-99
Solubility with water @ room temp.:	Stable emulsion
Non-volatile content :	> 60%
Viscosity @ 25°C: #2@30rpm.	500-1000 Cps. ASTM D 445-97
Recommended amount :	1: 4 to 1:5 of water
Active Content (%)	60
pH	6.5-7.5

### Advantages:

- Hard water soluble
- Fast and convenient mixing
- Reduces stock and storage costs at site or plant
- Less wastage and loss
- Entirely bio-degradable - does not contain any toxic products.
- Minimizes cleaning prior to re-use due to clean release.
- None staining-no oil stains on concrete surfaces.
- Fair faced finish-plastering is not required.
- Reduced transport cost- it comes in the concentrated form and dilution with water has to be done at the site.
- User friendly-no irritating order, itching etc.
- High coverage and lower cost.

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**APPLICATION:**

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Mix **one part** (by weight or volume) of **C-RELEASE XR60** with **5 parts** water for a good general purpose release agent that produces excellent concrete surfaces. Mixing at ratios of **4 parts** water or more can cause some sticking. Apply the emulsion to the concrete forms with a sprayer with a nozzle or brushing. Ensure that film is dry prior to placing concrete. Depending on ambient conditions and nature of form material, concrete can be placed in as little as 10 minutes.

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**HANDLING AND STORAGE:**

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**C-RELEASE XR 60** should be stored in cool, dry place away from heat and flammable or combustible materials.

No special precaution required, but normal industrial goods housekeeping practices should be followed, as for any chemical additives. In the case of skin contact, wash thoroughly. For eyes, flush with plenty of water for the at least 15 minutes. This product has a good storage

Stability, but avoid extremes of temperature and humidity. In the case of fire see MSDS.

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**PACKAGING:**

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**C-RELEASE XR60** is packaged in  
200 liters drums..... 180 kgs.