

# Technical Data Sheet



## C-RELEASE 1210<sup>TM</sup>

### Concrete Forms Release Emulsion

C-RELEASE 1210<sup>TM</sup> is a proprietary emulsion comprised of petroleum oil and selected emulsifier that contains no waxes, silicones, or carcinogens; it's also solvent less and non-toxic. Is highly effective as a forms release or parting compound for cast concrete products. These special formula results in smooth finishes on concrete cast from slurries, the product is effective as a rust preventative, protecting the metal forms from rusting during use and storage.

**C-RELEASE 1210<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 specification	
Composition:	oil emulsion
Appearance :	White liquid
Density, 25°C :	approx.0.90 g/cm3 ASTM D 1298-99
Solubility with water @ room temp.:	Stable emulsion
Viscosity @ 25°C: #3@60rpm.	1,000 Cps. ASTM D 445-97
Recommended amount :	1: 4 to 1:5 of water
Active Content (%)	55%
pH	8-10

### Advantages:

- Fast and convenient mixing.
- Reduces stock and storage costs at site or plant.
- Less wastage and loss.
- 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 1210** with **4-5 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 1210** 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 1210** is packaged in  
200 liters drums..... 180 Kgs.

