

# PRODUCT DATA SHEET

## CONSTRUCTION RA 135

### ECO-FRIENDLY - NON TOXIC

### IMPROVED RELEASE AND LUBRICITY



### Description

Construction RA 135 is a natural lanolin based liquid coating **PRE MIXED** designed for use as a release agent on form surfaces.

It aids in releasing concrete castings from smooth on rubber molds and other surfaces such as steel, timber, plywood, PVC, rubber, polypropylene, plastic & fibreglass. It provides a clean positive release, does not interfere with the surface detail, helps minimise "bug holes" and air bubbles in the finished casting

Environmentally friendly, especially around waterways.

### Suitable for

- Formwork,
- Tilt Panel,
- Bond Breaker.
- Reactive barrier coating with no petroleum or vegetable oil content. Forms an interface between the form and the concrete.
- High release ease, low scrape rates, cleaner molds all result in less downtime.
- Clean positive release , does not interfere with the surface detail.
- Helps minimise Bug Holes and air bubbles in the final casting saving rework time
- Contains no oils that will cause rubber molds to expand or contract.
- Optimum surface wetting properties to cover the toughest mold geometrics.
- Simplifies form cleaning and lengthens the working life of forms by protecting the form surface with a natural barrier.
- Lubricates and protects all formwork metal fittings from corrosion. Especially suitable for preventing salt and acid corrosion.
- Eco-friendly, can be used around waterways in all environments with confidence.
- Available in concentrate (RA130) - to mix on site - or premixed (RA135) for immediate use.

CODE	PACK
RA135\LF-0020	20 ltr Drum
RA135\LF-0200	200 ltr Drum

### PHYSICAL PROPERTIES

**Appearance;** Off white, Milky Mobile liquid  
**Boiling Point range:** >100  
**Flash Point (°C):**>150  
**Specific Gravity (g/ml):** @15°C) 0.98  
**pH:** Neutral  
**Viscosity @ 20°C:** 22 cSt  
**Demulsibility:** >30  
**No VOC**  
**Mild wool odour**

### STORAGE AND TRANSPORT

Classified as non-Dangerous Goods  
 Keep in a cool well-ventilated place  
 Keep out of reach of children  
 Shelf Life - 5 years if kept sealed in a controlled temperature enclosed environment >25°C

For safe handling of this product, please consult the Safety Data Sheet (SDS)

# LANTOS COATINGS

## Product Data Sheet

# CONSTRUCTION RELEASE AGENT

## Pre Mixed RA 135

**Before applying the product please read fully:**

### PREPARATION:

Product is ready to use, no dilution is required.

Shake 20L container before use or decanting.

Agitate 200L drum with mechanical stirrer or air hose system before use or decanting.

Ensure form surface is clean and dry.

Product can be decanted into spray applicators. Good quality applicators are recommended for a fine, even coverage.

Construction RA 135 Pre-Mix can be applied after setting polystyrene block outs.

### APPLICATION:

For best results it is recommended that Construction RA 135 Pre-Mix be applied by spray application

Coverage rate is approximately 20-25m<sup>2</sup> per litre

Only a very fine mist is required

### DO NOT OVER APPLY

For precast on steel beds apply 2 x fine diagonal coats

For formwork, ensure a light and even coverage. Only one coat is required

Continued use on formwork leaves the surface clean after stripping; no cleaning required between pours, simply spray, pour, strip and repeat

When using as a bond breaker, apply to the top of cured panel in 2 even diagonal opposing coats.

In extreme heat, the panels can be sprayed with water before RA 135 is applied, this reduces the amount of Pre-Mix Construction RA 135 absorbed by the cured panel

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