

# ECODIN RS+

Chemical active release agent based on sustainable oils. BCA (C&A) Category 7

## DESCRIPTION

**ECODIN RS+** is a readily biodegradable chemically active release agent specially formulated with surfactant and plant ingredients to give easy release from pre-cast moulds or formwork providing a high quality surface finish to concrete. Formulated to be not-classified as hazardous under current CLP regulations, making it an ideal choice for enclosed environments such as Pre-Cast works and tunneling projects. The product utilizes sustainable vegetable oils within its formulation.

## ADVANTAGES

- **ECODIN RS+** is labelled as non-hazardous.
- **ECODIN RS+** is environmentally sustainable product based on green vegetable oils
- **ECODIN RS+** is suitable for use on all types of formwork and pre-cast mould materials.
- It is a suspension and sediment free, mobile liquid, which can be used in fine sprays without clogging the jets.
- There is no unpleasant odour, even when using a fine spray.
- Very economic coverage rates can be obtained without difficulty.
- It may be applied immediately prior to casting, or treated forms may be left until apparently dry.
- Continued use gives progressively better results on timber formwork.
- Can be used with either grey or white cement.
- Provides a quick, positive release of formwork, reducing labour costs and damage to formwork and moulds.

## PROPERTIES

Appearance:	Clear yellow, low viscosity
Specific Gravity:	0.88 @ 20°C
Flash Point:	>140°C
Viscosity:	21.0 cST @ 40°C
Freezing Point:	<-5°C
Storage Life:	Sealed containers stored above 5°C and below 30°C will have a minimum of 12 months shelf life.

## COVERAGE

15 to 35m<sup>2</sup>/litre dependent on type of form, porosity, texture of surface and ambient temperature

### Norsekem Limited

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## APPLICATION

**ECODIN RS+** is ready for use and should not be diluted. The product should be applied as thinly and evenly as possible. It can be applied to all types of formwork by spray, or absorbent applicator. Any excess should be mopped up. For the best and most economical performance, application by mist spray is recommended. Excellent results can be obtained using a Gloria 410T or Mesto Ferrox Plus sprayer with an 8002 or 8003 tip fitted. Many new forms are not factory treated with oils, so for new or 'unsealed' timber formwork, pre-treatment is essential with a minimum of two coats prior to use. This will extend the useful life of the form and help to standardise surface absorbency. Consideration should also be given to initial sealing using **SHUTTAWAX** or **FORMSEAL PU 1K** which will extend the useful life of the ply and standardize surface absorbency.

**Note:-** Due to the initial high viscosity the product will thicken at low temperatures more readily than lower viscosity products, for this reason please ensure that the product is stored above freezing and ideally above 5°C.

## STORAGE & HANDLING

No special storage facility or handling is required

Containers should be kept sealed after use.

Manufacturer sealed containers stored above 5°C and below 30°C will have a minimum of 12 months shelf life. Once opened use within 6 months.

Please refer to Safety Data Sheet for further details.

## HEALTH & SAFETY

Refer to separate material safety data sheet. Copies available by request

## PACKAGING & TRANSPORT

Supplied ready for use in plastic 25ltr and 205ltr containers. Do not dilute. Not regulated for Road Transport

## QUALITY ASSURANCE

Norsekem Limited Products are manufactured under quality assured schemes

Norsekem Limited products are guaranteed against defective materials and manufacture. Products are sold subject to the Norsekem Limited Terms and Conditions of Sale, copies of which are available on request. Norsekem Limited endeavors to ensure that the above data and any further advice is correct, Norsekem Limited can not accept liability for the use to which products are put or the way in which they are used. All recommendations stated by the company are made in good faith. Recommendations do not over-ride the basic obligation of the user to satisfy themselves at all times as to suitability of the product for their particular application.

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