

# OSREL ECOFINE 1500

## Water Based Emulsion Release Agent

### PRODUCT DESCRIPTION

**Osrel Ecofine 1500** is a ecologically friendly mould release emulsion derived from biodegradable vegetable oils. The specially formulated blends of oils provide superior release properties through its high actives content making it ideal for tunnel segments, self compacting concrete and most 'wet' concrete applications. **Osrel Ecofine 1500** is supplied as an aqueous emulsion ready for direct application, it aids the escape of air from the mould surface during placing and vibration, this in turn minimises surface blemishes.

### APPLICATIONS

**Osrel Ecofine 1500** provides quick, clean and easy stripping of all types of steel, wooden and polyurethane moulds and formwork, it is formulated to dramatically reduce residual cement build up on moulds surfaces which ensures a high quality fair faced and stain free finish. **Osrel Ecofine 1500** is VOC (Volatile Organic Compounds) free.

### BENEFITS

- Entirely biodegradable.
- Clean release.
- Contains no mineral oils or paraffins.
- Minimal cleaning of the mould.
- Low viscosity.
- Non-staining.

### PROPERTIES

Nature:	Liquid
Appearance:	White
Specific Gravity: (20°C)	0.98 g/cm <sup>3</sup>
Viscosity: (cP @40°C)	1.2
Freezing Point	-10°C

### ADDITION RATES

Coverage will depend on the type of mould or formwork and will be best determined by carrying out spraying trials prior to a full production run:

Typical coverage per litre:

30—40m<sup>2</sup> per litre (spray applied)

10—30m<sup>2</sup> (brush, roller or squeegee)

**Osrel Ecofine 1500** can be applied using conventional hand pump or airless spray equipment. Wet concrete applications may require ragging or mopping after spraying to ensure optimum film thickness. When using spray equipment ensure the correct nozzle size is used to achieve optimum atomisation.

### STANDARDS

**Osrel Ecofine 1500** is produced in accordance with the ISO 9001 Quality Management Standard.



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### COMPATIBILITY

**Osrel Ecofine 1500** is compatible with all types of EN 197 cement systems and is compatible for use with all Oscrete admixtures.

### STORAGE

**Osrel Ecofine 1500** should be protected from extreme temperature, frost and direct sunlight, if stored unopened within the range 5°C—30°C the product will have a minimum shelf life of 12 months.

### HANDLING

Please refer to the **Osrel Ecofine 1500** material safety data sheet but in line with normal handling procedures, personal protective equipment should be worn.

### PACKAGING

200 litres drums, 1000 litre IBC's and bulk deliveries.

### NOTES

**Osrel Ecofine 1500** is non-irritant to skin, however, if spraying material care should be taken not to inhale particles. It is advisable to use a mask if application is by pressurised sprayer. Best results are achieved by using fine or airless spray systems between 4 & 6 bar pressure. A nozzle size between 0.6—0.8mm with an oval orifice will give a optimum spray pattern.

The nozzle should be approximately 40-80cm from the form face during application and an even coverage of the form face should be achieved.

Over application of the release agent will reduce the efficiency of the release and may allow cement deposits to develop on the mould sides. Ensure that the material is applied as thinly and as evenly as possible.

For new unsealed timber forms, pre-treatment is recommended with a second coat applied prior to use.

### CLEANING & DISPOSAL

Equipment can be cleaned with water, spillages can be a slip hazard and should be absorbed onto an absorbent material, e.g. vermiculite and then transferred to suitable containers for disposal. Remnants should then be hosed down with water.

Please consult the OSCRETE technical department for advice on admixture selection.

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#### Disclaimer

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