

OSREL ECOFINE 1500

Release Agent

Description

Osrel Ecofine 1500 is a ecologically friendly emulsion mould release agent derived from biodegradable vegetable oils. The specially formulated blend 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 mould 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
Colour	White
Specific Gravity	0.98 g/cm ³
pH	-
Chloride Content	-
Na ₂ O equivalent	-

Addition Rates

Spray Applied

1 litre will give a coverage rate of 20m² - 40m²

Brush, Roller or Squeegee

1 litre will give a coverage rate of 10m² - 30m²

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 the 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 and the ISO 14001 Environmental Management Standard.



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Compatibility

Osrel Ecofine 1500 is compatible with all types of EN 197 cement systems.

Osrel Ecofine 1500 is compatible with all Oscrete admixtures.

Storage

Osrel Ecofine 1500 should be stored undercover and protected from extreme temperatures, if stored unopened within the range 5°C and 30°C the product will have a minimum shelf life of 12 months. If stored unused for over 6 months ensure full remixing by thorough agitation before use.

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 litre drums, 1000 litre IBCs and bulk deliveries.

Disclaimer

The physical properties quoted are typical, and should not be taken as a specification. The information supplied in our literature is based on data and experience and is given in good faith. Our policy is one of continuous research and development and we reserve the right to update this information at any time; customers should therefore ensure they have the latest issue. Whilst we guarantee the consistent high quality of our products, we have no control over the circumstances in which our materials are used, site conditions or the execution of the work and are therefore unable to accept any liability for any loss or damage which may arise as a result thereof. Materials are supplied in accordance with our standard conditions of sale.

Notes

Osrel Ecofine 1500 is a biodegradable mould oil. It is ecologically friendly and derived from vegetable oils. It is non-irritant to skin, however, if spraying material, care should be taken not to inhale the 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 optimum spray pattern.

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.

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 be then hosed down with water.

Please consult the OSCRETE Technical Department

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