

# OSREL BIO MRA

## Environmentally Friendly Release Agent

### PRODUCT DESCRIPTION

**Osrel Bio MRA** is a readily biodegradable chemical release agent specially formulated to give easy release from pre-cast moulds or formwork and provides a high quality surface finish to concrete. **Osrel Bio MRA** is designed to give optimum performance on all types of moulds and formwork including, metal, plastic, timber, polyester and rubber.

### APPLICATIONS

**Osrel Bio MRA** can be applied to all types of formwork by spray, fine-haired brush, swab or roller, best results are achieved by low pressure spray equipment ensuring any excess oil is removed. **Osrel Bio MRA** is supplied ready for use and should not be diluted, apply a thin and even coat to the clean formwork, care should be taken to avoid over application. For new and unsealed timber forms pre-treatment is recommended with a second application prior to use.

### BENEFITS

- Non-hazardous & Biodegradable.
- Sediment free—suitable for fine spray nozzles.
- Low odour.
- Economical.
- Excellent surface finish.
- Stain free.
- Suitable for heated beds.
- Low viscosity.
- No cement build-up.

### PROPERTIES

Nature:	Liquid
Appearance:	Clear Yellow
Specific Gravity: (20°C)	0.85 g/cm <sup>3</sup>
Viscosity: (cP @40°C)	6.0

### 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 25—60m<sup>2</sup> per litre

**Osrel Bio MRA** can be applied with a brush, roller or a uniform thin film should be applied to the formwork using low pressure spray equipment. When using spray equipment allow for sufficient ventilation.

### STANDARDS

**Osrel Bio MRA** is produced in accordance with the ISO 9001 Quality Management Standard.



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### COMPATIBILITY

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

**Osrel Bio MRA** is supplied ready to use. It should never be diluted and should be applied as thinly and evenly as possible in order to optimise performance.

### STORAGE

**Osrel Bio MRA** 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 Bio MRA** 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

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.

**Osrel Bio MRA** should be applied in well ventilated areas and kept away from naked flames and electrical equipment.

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

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PDS 8168 Rev 03 02/01/2024

#### 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.

