

MS Release Agent

Oil Based Release Agent

Uses

- For quick, clean and easy stripping of moulds and formwork.
- For high quality, fair-faced and stain-free concrete.

Advantages

- Ensure easy release, reducing damage and improving efficiency of production.
- Minimizes surface blemishes and staining, promoting high quality fair-faced concrete even with white cement.
- Reduces opportunity of damage to formwork, extending usable life.
- Minimizes cleaning of formwork before re-use.
- Suitable for use with virtually all types of formwork.
- Inhibits corrosion of steel formwork.

Product description

MS Release Agent is a specially formulated blend of mineral oils with a chemically active release agent that is suitable for application to mould and shutter faces prior to casting concrete in order to obtain a clean release. The alkali reactive chemicals promote a water-repellent interface which protects both steel and timber formwork whilst ensuring the resultant concrete has a smooth, hard, uniform finish with reduced incidence of blowholes.

MS Release Agent will also allow air to escape from the interface during placing and vibration thereby resulting in a reduction of remedial costs. Use of **MS Release Agent** has no negative effect on the quality of the concrete nor will it impair the adhesion of subsequent coatings providing application is made at recommended coverage rates. When applied at recommended coverage rates **MS Release Agent** is nontoxic and may be used in for concrete in potable water applications.

Typical Properties

Appearance	: Pale straw liquid
Specific Gravity @ 25°C	≈ 0.84
Flashpoint	≈ 70°C
Chloride Content	: Nil

Technical Support

ELMRR provides a comprehensive technical support service to specifiers, end users and contractors and is able to offer on-site technical assistance.

Instructions for Use

Preparation: New moulds, if extensive reuse is anticipated, treat new moulds with a polyurethane coating. For used moulds, remove all traces of adherent material i.e. concrete, oil etc. The use of an acid etch will assist in the cleaning process.

Application

MS Release Agent may be applied by brush, roller or lightweight spray. Apply in an even, continuous film avoiding excessive application. If, after the first application **MS Release Agent** is absorbed into the shutter a further application should be made. Apply **MS Release Agent** before the first casting and thereafter between castings. It should be noted that very high coverage rates are achievable with **MS Release Agent** and that only a thin film is required. Avoid over-coating.

Coverage

Depending on the porosity and texture of the mould surface, typical coverage rates of 30 to 60 m²/ litre/coat may be obtained.

Packaging &Storage

MS Release Agent is available in 5 Litre, 20 litre and 210 litre drums. And it has a minimum shelf life of 12 months provided it is stored under cover, out of direct sunlight.

Precautions

Health and safety

During use, avoid inhalation of vapour and contact with skin or eyes. Wear suitable protective clothing- eye protection, gloves and respiratory equipment. The use of barrier creams to provide additional skin protection is also advised. In case of contact with skin rinse with plenty of water, then cleanse thoroughly with soap and water. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice. If swallowed

seek medical advice immediately-do not induce vomiting.

For further information please contact your local Elmer office

Fire

Flammable

For further information please contact your local Elmrr office.

Product Manufactured By:

Elmrr Chemicals

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