



SETRELEASETM RU

READY TO USE CHEMICAL MOULD- RELEASE AGENT

BENEFITS

- Ensures good fair-faced concrete
- Can be used on all type of formwork
- Non-staining
- Minimises cleaning of shutters before re-use
- Can be used with steam curing.
- Reduces the incidence of air pocket and tendency of surface spalling of corners.

USES

SETRELEASE RU provides quick, clean and easy stripping of moulds and formwork. Ensures high quality, fair-faced and stain-free concrete surface. Protects aluminium windows and door frames from plaster and mortar splashes.

DESCRIPTION

SETRELEASE RU is a specially formulated blend of mineral oils and chemicals having release properties, which are superior to those of a conventional mould oil. The chemicals react with the alkali in the concrete to form a thin water repellent skin on the surface of the mould, thereby enabling easy stripping from concrete and protects steel and wooden formwork. **SETRELEASE RU** is supplied as a pale straw coloured, ready to use liquid. It reacts with the alkalis and water at the interface of the concrete and formwork to produce a thin film of lime soap, which breaks the bond enabling the formwork to be readily stripped. Excellent "off form" finish- produces a clear reproduction of formwork texture and sharp concrete feature.

RE-USE OF MOULDS

Due to the excellent release properties, little or no deposit of cement paste remains on the shutter surface. Minimum cleaning & a further coat of **SETRELEASE RU** renders shuttering ready for re-use.

PROPERTIES

- Specific Gravity** : 0.820 to 0.840 at 30 °C,
Service Temperature : Suitable for use with steam cured concrete.
Formwork Surfaces : Equally effective on wood or metal moulds and shutters.

Non-staining : Does not stain concrete and can be used safely with white cement to ensure good finish.

Concrete Surface Quality : In addition to preventing adhesion of the cement paste to the mould or shutter surface, **SETRELEASE RU** allows air (which would otherwise be trapped) to escape from the surface when the concrete is being poured and vibrated. Pockets of air, trapped on the shutter surfaces of concrete are a major cause of imperfections, necessitating remedial work. The chemical reaction between **SETRELEASE RU** and cement in concrete mix produces a strongly hydrophobic surface. This ripples surplus water at the interface with the mould and preserves uniformity of surface texture and colour.

Economical to use : On account of high coverage, the applied cost of **SETRELEASE RU** compares favorably with that of conventional mould oil. Considering the technical benefits additionally obtained, the overall economy of using **SETRELEASE RU** can be significant.

APPLICATION

Preparation of New Moulds : No preparation is necessary but if extensive re-use of Timber moulds is envisaged, it is advisable to protect all new surfaces with **SETRELEASE RU**. For used moulds, all traces of cement must be removed together with any surface deposits of previous oils.

Coating : **SETRELEASE RU** can be applied by brush, sponge or conventional mould oil-sprayer. If an oil-sprayer is used, care should be taken to choose correct size of sprayer. Apply one thin and even coat of **SETRELEASE RU** over the entire surface. Even a thin coat is enough to achieve effective coverage. Excess application is uneconomical and may lead to surface dusting. Wire or brush off any excess particles on the surface and apply one coat of **SETRELEASE RU** as before. To remove **SETRELEASE RU** completely, for recoating mould or shutter surface, use strong industrial detergent together with stiff brushing & then thoroughly rinse with clean water.

PACKING & COVERAGE

SETRELEASE RU is supplied in 1, 5, 10, 50, 100 Ltr drum. A coverage between 40 to 60 m²/litre is possible depending upon the porosity and texture of mould surface.

SETRELEASE™ RU



SHELF LIFE & STORAGE

SETRELEASE RU will have a shelf life of **36 months** in unopened containers when kept in dry conditions at a temperature between 5°C to 45°C. Storage at higher temperature or high humidity may reduce shelf life.

HEALTH & SAFETY

Use Gloves when handling **SETRELEASE RU**. Remove splashes on the skin with soap & water. Avoid contact with eyes and accidental contamination should be washed thoroughly with plenty of water and medical treatment should be sought immediately. Ensure good ventilation and do not smoke during use. Flash point 60 °C.

SPECIFICATION

SETRELEASE RU is a specially formulated blend of mineral oils and chemicals having release properties and coverage of 40-60m² per litre, and shall be applied as per strict accordance with the instruction of FAIRMATE.

QUALITY ASSURANCE

Fairmate manufactures entire range of construction chemicals under compliance of ISO 9001, ISO (EMS) 14001 & OHSAS 18001 (Occupational Health and Safety) certified by ISOQAR / UK.

TECHNICAL SERVICES

While new advances and changes will take place but one thing will never change is quality and meeting special needs of our customers. Our laboratory in Baroda and technical personnel & experts are available to provide additional information and technical assistance. We are eager to work with you in development of new product and resolve your problem.

OUR RANGE OF PRODUCTS

CONCRETE ADMIXTURES WATERPROOFING SYSTEMS ENGINEERING GROUTS INDUSTRIAL FLOOR SURFACES	CONCRETE REPAIRS SURFACE TREATMENT PREPACKED CONCRETE MORTAR PROTECTIVE COATING	HIGHWAY REPAIR LIQUID FLOOR WALL FINISHING SYSTEM
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