

REMOL

Chemical mould - release agent

Uses:

To provide quick, clean and easy stripping of moulds, and formwork and ensure high quality fair-faced and stain-free concrete

Advantages:

- Ensures easy release, good fair-faced concrete
- Can be used on all types of formwork
- Minimizes surface blemishes and staining
- Minimizes cleaning of shutters before re-use
- Reduces opportunity of damage to formwork, extending usable life

Description

REMOL is specially formulated blend of mineral oils and chemicals having release properties which are superior to those of 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 acting as a protection to steel and wooden formwork.

REMOL is supplied as a pale straw colored liquid ready for direct application and use.

Properties:

- **Specific gravity:** 0.83 at 27°C

- **Service temperature:** Suitable for use with steam cured concrete.
- **Formwork surfaces:** Equally effective on wood or metal moulds and shutters. Particularly effective on GRP and other resinous coatings including REMOL coated wooden surfaces.
- **Non-staining:** Does not stain concrete and can also be used safely with white cement.
- **Concrete surface quality:** In addition to preventing adhesion of the cement paste to the mould or shutter face, REMOL allows air, which would otherwise be trapped, to escape from the face when the concrete is being poured and vibrated. Pockets of air, trapped on the shuttered faces of concrete, are a major cause of imperfections, necessitating remedial work. REMOL avoids time and money spent on this.

The chemical reaction between REMOL and the cement in a concrete mix produces a strongly hydrophobic surface. This repels surplus water at the interface with the mould and by protecting the concrete from its effects, preserves uniformity of surface texture and color.

- **Re-use of moulds:** Due to excellent release properties, little or no deposit of cement paste remains on the shutter surface. Minimum cleaning down and further coat of REMOL renders shutters ready for reuse

REMOL

- **Economic benefits:** On account of the high rate of coverage, the applied cost of REMOL chemical mould release agent compares favorable with that of conventional mould oil. Having regard to the technical benefits additionally obtained, the overall economy of using REMOL can be significant.

Application instructions:

Preparation of new moulds:

No preparation is necessary, but if extensive reuse of timber mould is envisaged, it is advisable to protect all new surfaces with REMOL. REMOL protects timber from alkali attack which can result in a very short usable life. For used moulds, all traces of cement must be removed together with any surface deposit of previous oils.

Coating:

REMOL can be applied by brush, sponge or conventional mould oil-sprayer. If a mould oil-sprayer is used, care should be taken to ensure that the correct nozzle size is chosen. Stir the contents of the container thoroughly before use. Apply one coat of REMOL thinly and evenly over the entire surface.

Only the thinnest coating necessary to achieve effective coverage should be applied. Excess application is uneconomical and may lead to surface dusting.

Wipe or brush off any particles that may remain on the surface and apply one coat of REMOL as previously. If it is required to remove REMOL completely, a strong industrial detergent should be applied together with stiff brushing and then thoroughly rinsed with clean water.

Estimating

Packing

REMOL is supplied in 200, 50,20 liter and 5 liter containers.

Coverage

Coverage between 20 to 60m² per liter is possible depending upon the porosity and texture of mould surface.

Storage

Shelf life

12 months. It must be stirred thoroughly before use.

Precautions

Health & safety instructions

Gloves should be worn when handling REMOL. Splashes on the skin should be removed with soap and water. Contact with eyes must be avoided and accidental contamination should be washed thoroughly with plenty of water and medical treatment sought immediately. Good ventilation should be ensured and smoking during use is prohibited.

REMOL

Fire

Due to the high flash point the flammability risk of REMOL is low. Ensure adequate ventilation. Using REMOL near naked flame or smoking during use should be avoided.

REMOL



REDWOP CHEMICALS PVT. LTD.

Office:

1st Floor, Suryachandra Complex,
Opp Punjab Honda Showroom,
Kalawad Road,
Rajkot-(Guj.)INDIA.
Pin.360005

Factory:

Village Shapara, Nr.Jay Internation
School,Opp Arya Bhagwati Society,
Kalawad Road,
Metoda,G.I.D.C
Rajkot.(Guj.)INDIA.

Customer Care: +91 97246 55551

Phone no.: +91 281 2576664

E: info@redwopchemical.com

W: www.redwopchemical.com

NOTE: Redwop products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale,



ISO 9001:2008



Responsible Care