



PRODUCT DESCRIPTION

ZURALEASE OB is 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 acting as a protection to steel and wooden formwork.

ZURALEASE OB is supplied as a pale straw coloured liquid ready for direct application and use.

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
- ▶ Minimises surface blemishes and staining
- ▶ Minimises cleaning of shutters before re-use
- ▶ Reduces opportunity of damage to formwork, extending usable life.

TECHNICAL DATA

Specific Gravity: 0.98 - 1.02 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 ZURALEASE OB 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, ZURALEASE OB 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. ZURALEASE OB avoids time and money spent on this.

The chemical reaction between ZURALEASE OB 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 colour.

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 ZURALEASE OB renders shutters ready for reuse.

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 ZURALEASE OB. ZURALEASE OB 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

ZURALEASE OB 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 ZURALEASE OB 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 ZURALEASE OB as previously. If it is required to remove ZURALEASE OB completely, a strong industrial detergent should be applied together with stiff brushing and then thoroughly rinsed with clean water.

ZURALEASE OB

Natural Organic Chemicals Base Highly Concentrated Mould Release Agent.

COVERAGE

A coverage between 20-60m²/L is possible depending upon the porosity and texture of mould surface.

PACKAGING

ZURALEASE OB is supplied in 200L, 20L & 5L

SHELF LIFE

12 Months. It must be stirred thoroughly before use.

HEALTH & SAFETY

Gloves should be worn when handling ZURALEASE OB. 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.

Fire

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

Important: It is the Customer's responsibility to satisfy themselves by checking with the Company whether the information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current Technical Literatures. However, **Prozura Construction Chemicals Pvt. Ltd.** does not warranty or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendation relating to application and end use are given in good faith.

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ProZura Construction Chemicals Pvt. Ltd.

📍 First Floor, Hague Building, 9 Sprott Road, Ballard Estate, Fort, Mumbai-400 001, (MH)
☎ +91 91520 94840 ✉ info@prozura.com 🌐 www.prozura.com