



ULTRA MOULD RELEASE WB

Water Based Emulsified Concentrated Chemical Mould Release Agent

Admixtures

Surface Treatments

Protective Coatings

Concrete Repairs

Industrial Flooring

Grouts & Anchors,

Adhesives,

Water Proofing

Sealants

Description

Ultra Mould Release WB is pale amber water based emulsified concentrated chemical mould release liquid which turns white on dilution with water to produce chemical release agent. It reacts with the alkali in the concrete to form thin water repellent skin on the surface of the mould which enables easy stripping from the hardened concrete. **Technical Characteristics @ 27 °C, 55% RH**

Theoretical Coverage*, m ² / L	30 - 50	Density, gm / cc	0.90 ± 0.05
Dilution rate	1 : 4	Flash point, °C	> 70

* After dilution of 1 litre with 4 litres of low TDS water. Coverage varies with surface condition.

Field of Application

- Can be applied on steel, wood or concrete moulds.
- Precast moulds & plywood.

Advantages

- Water based, only requires addition of water for dilution.
- Economical and easy to use.
- Protects plywood from bulging due to water absorption, thus increases the number of re-use.
- Stripping of forms and de-shuttering becomes easy without hooking, which increases shutter life.
- Acts as a bond breaker and form cleaner.
- Eliminates voids, face defects.
- Produces really fair faced finished concrete. Reduces clean-up time.

Application Methodology

o Surface Preparation

- Thoroughly clean the surface from all old concrete mortar and rust stains, and remove all dirt, scales, oil, grease and foreign particles.

o Material Preparation

- Mix Ultra Mould Release WB concentrate in the proportion of 1:4 by volume with low TDS water and stir

thoroughly. Stir, if the solution is settled.

o Application of Material

- Apply a thin coat of Ultra Mould Release WB by brush, cloth or spray.
- Allow it to dry before placing concrete.
- Store the prepared material in sealed packing for future use. Do not leave the prepared material open/unsealed.

Cleaning

- Clean all tools immediately after use with clean water.
- Health & Safety
- Avoid contact with skin / eyes, and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

Packing

Available in 5L, 30L & 210 L drum.

Storage

Keep in cool and dry place under shed away from heat.

Shelf Life

12 months in original unopened sealed conditions.



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