

Emulsified And Concentrated Chemical Mould Release Agent

Description

Ultracrete MR-W is supplied as a pale amber liquid which turns white when diluted with water to produce a chemical release agent, combining the outstanding release properties of such materials with the economy of conventional oil. It reacts with the alkali in the concrete to form a thin water repellent skin on the surface of the mould which enables easy stripping from the hardened concrete.

Advantages:

- Non-staining: No cleaning of unsightly oil stains if plastering is not required.
- High quality : It Produces fair faced finish concrete.
- Versatile: It can be used on all types of moulds.
- Minimises cleaning : It makes cleaning of form faces between pours very easy.
- Concentrate form : It reduces storage and transport costs.
- Water based : It only requires water for dilution.
- Corrosion inhibitor: It aids corrosion inhibition.

Application Instructions

- Check whether mould surfaces are really clean before re-use?
- Is a fresh coat of Ultracrete MR-W applied before each re-use?
- Has the Ultracrete MR-W been diluted exactly 1:6 with water by volume?
- Check whether the coverage rate is the highest and film thickness the lowest possible?
- Is the coat really dry before placing the concrete?
- Is the de-moulding time 24 hours or more?

Properties

Dilution rate -1 part Ultracrete MR-W to be diluted with 6 parts clear water (by volume)
Formwork surfaces – May be used on wooden or metal surfaces.
Non-staining – Can be used safely with white cement
Specific Gravity – 0.96 at 25°C

Coverage

- 1 litre of Ultracrete MR-W when diluted with 6 litres of water will cover 80 to 180 m² depending upon the nature of the substrate.
- Unsealed timber or plywood – 80 to 115 m²/ 7 litres of solution.

Packing

Ultracrete MR-W is available in 20 ltr and 100 ltr containers.

Shelf Life

Ultracrete MR-W has a shelf life of 24 months provided the temperature is kept in the range of 5° C-40°C.

Health And Safety Instructions

Gloves should be worn when handling Ultracrete MR-W Splashes on skin should be removed with soap and water. Contact with eyes should be avoided and accidental contamination should be washed with plenty of water and medical treatment sought immediately. If swallowed, obtain immediate aid. Do not induce vomiting. Ensure good ventilation.

Disclaimer

Ultramax warrants that all products are free from any defects of manufacture and comply with the specifications given in their respective technical data sheet. No warranty can be given as to the results of use because conditions of use, such as site conditions, surface preparations, workmanship, weather, structural issues and other factors are beyond the control of Ultramax. Purchaser agrees to seek the advice of qualified professionals to carry out tests & take trials to determine the suitability of products for their intended purpose prior to full scale usage of Ultramax products and assumes all risks. The company does not assume any liability for unsatisfactory results, arising from the use of our products. Purchaser's sole liability is limited to replacement of product or refund of the purchase price paid if any product proven defective. No other warranties, express or implied, shall apply including any warranty of merchantability or fitness for a particular purpose. Ultramax shall not be liable for any consequential damages arising from the use of our products for unsatisfactory results. The information supplied in this datasheet is based on our experience through extensive research and is given in good faith in order to help prospective users. We reserve the right to update the information provided in our technical data sheet at any time without prior notice within the scope of technical progress or new developments.

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