

CICO LEASE WB

WATER REDUCIBLE CONCRETE MOULD RELEASE AGENT

CICO LEASE WB is water thinnable 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 form-work.

CICO LEASE WB is supplied as a concentrated low viscosity liquid. It shall be diluted with water in the ratio of 1:5 by volume. When **CICO LEASE WB** is diluted with water it forms opaque emulsion.

USES

It is used on most types of form-work to give an optimum release and quality of surface finish to concrete over a wide range designs. Supplied ready to use and can easily be applied by sprayers, squeegee or brush.

FEATURES

- Ideal for use on form-work manufactured from timber, steel, fiber glass, plastics and specialized flexible materials
- Provides a clean positive release even in intricate and difficult casting condition.
- Reduces labour cost, cleaning time and possible damages to the form-work.
- **CICO LEASE WB** assists production of uniform mat stain-free concrete surface with reduced incidents of blow holes and surface blemishes.
- **CICO LEASE WB** is unaffected by strong sunlight, drying winds and foot traffic and can be applied to damp form-work.
- On account of the high rate of coverage the applied cost of **CICO LEASE WB** compares favorably with that of conventional mould oil. Having regard to the technical benefits additionally obtained, the overall economy of using **CICO LEASE WB** can be significant.
- Pockets of air, trapped on the shuttered faces of the concrete, are a major cause of imperfections, necessitating remedial work. The hydrophobic surface produced by chemical reaction between **CICO LEASE WB** and cement repels surplus water at the interface of the mould and by protecting the concrete from its effect preserves uniformity of surface texture and colour.
- Due to its excellent release properties, little or no deposit of cement paste remains on the shutter surface.

TECHNICAL DATA

Appearance	Amber coloured free flowing liquid
Specific Gravity	0.88 ± 0.02
Freezing point	Less than 0°C
Coverage	25-60 m ² (without dilution) 75-150 m ² (1:5 dilution)
Shelf life	18 months

PROCEDURE OF APPLICATION

Preferably by low pressure sprayer which will permit the quoted rates of spread to be obtained. Brush application may also be employed but the material should be well brushed out to obtain the most economical and effective results. Form-work should be preferably treated before being erected, thus avoiding the contamination of reinforcement. **CICO LEASE WB** should be applied to the form-work prior to each use but once applied can be exposed to weather conditions for up to two weeks in case of timber forms and up to three weeks in case of steel forms. On exposure for period longer than these a further application of **CICO LEASE WB** should be made. In pre-cast works where moulds are struck in less than 12 hours, **CICO LEASE WB** should be scrubbed onto clean working moulds. Where moulds are rusty or have a build -up of old concrete they should be coated with **CICO LEASE WB** and left overnight.

Before use, they should be cleared down and then scrubbed with 50% mixture of **CICO LEASE WB** and water. This will clean the working surfaces and **CICO LEASE WB** can be used in the usual manner.

STORAGE

CICO LEASE WB should be kept away from naked flames.

PACKAGING

CICO LEASE WB is available in 20 litre bucket and 200 litre barrels.

Important Note:

All CICO products are sold in the market after strict Quality Control in line of ISO 9001 and guaranteed against any manufacturing defect. Although the basic formulation of Company's products generally remains unchanged, production refinements arising from continuing research and evaluation program may occasionally result in marginal changes in properties. CICO aspires to ensure that any recommendation, advice, test data, specification, method statement and other information given in this product datasheet is accurate and best of company's knowledge. Since, the company (CICO TECHNOLOGIES LTD) has no control over the selection of its product, applicators, application methodology, how and where it is applied, therefore, the company cannot accept any liability directly or indirectly arising from the use of its product. It is important to any customer, user or specifier satisfies him / herself that the product is suitable for the intended purpose including health, safety and environmental aspect. Unless or otherwise agreed in writing, all products of the company are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. All customers, users, specifiers should ensure that they examine the suitability of the product with company's latest product data sheet.

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