

# CICO LEASE

## Chemical Mould Release Agent for Concrete Formwork

**CICO LEASE** is specially formulated blend of mineral oils and speciality 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 mould from concrete and acting as a protection to steel and wooden form-work.

**CICO LEASE** is supplied as a ready to use clear low viscosity liquid for direct application and use.

### 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. Need not be thinned.

### FEATURES

Ideal for use on form-work manufactured from timber, steel, fiber glass, plastics and specialised 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** assists production of uniform mat stain-free concrete surface with reduced incidents of blow holes and surface blemishes.

- **CICO LEASE** 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** compares favorably with that of conventional mould oil. Having regard to the technical benefits additionally obtained, the overall economy of using **CICO LEASE** 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** 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

<b>Form</b>	Yellowish Liquid	Thin
<b>Flash Point</b>	54°C	
<b>Specific Gravity</b>	0.83 + 0.02	
<b>Shelf Life</b>	24 Months	If Unopened

### PROCEDURE OF APPLICATION

**CICO LEASE** is supplied ready for use and should not be thinned, as this will seriously affect the properties. Apply in a thin and even coat preferably by spray. When applying **CICO LEASE** on unsealed timber formwork, a sealing coat should be applied



followed by a second coat prior to placing concrete. Any excess should be wiped off. Protect the applied film from rain until (1-2 hours depending upon the solutions). Spray application is always advisable but sponge rubber as applicator may also be used for application of **CICO LEASE**. Avoid thick application as it leads to surface dusting.

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

**COVERAGE**

25 - 60 m<sup>2</sup> per litre depending on type of form, porosity, texture of surface and ambient temperature. (e.g., Steel formwork – 40-60 m<sup>2</sup>/ltr, wood formwork – 25-30 m<sup>2</sup>/ltr)

**STORAGE**

**CICO LEASE** should be kept away from naked flames.

**PACKAGING**

**CICO LEASE** is available in 20 litre and 200 litre barrel.

**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.

**CICO TECHNOLOGIES LIMITED**

Corp. Office: C-44/2, 1<sup>st</sup> & 2<sup>nd</sup> Floor, Okhla Industrial Area,  
Phase –II, New Delhi-110 020  
Tel. No: 91-11-4050 9400, Fax: 91-11-4050 9413  
E-Mail: [cicotech@cicogroup.com](mailto:cicotech@cicogroup.com)  
Web Site: [www.cicogroup.com](http://www.cicogroup.com)



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