

CIKOlease

Smart Chemical Solutions



Oil based formwork, mould and shutter release agent

Description

CIKOlease is a release agent applied on shutters or moulds prior to concrete casting to achieve easy release and a stain free, fair faced surface.

CIKOlease is a mixture of chemically active release agent and other specialty additives dispersed in a low volatile hydrocarbon carrier.

Advantages & Benefits

- Easy to apply by brush, roller or spray.
- Long form life.
- Provides stain-free and fair faced concrete surface.
- Suitable for architectural white cement concrete.
- Reduction of blow holes.
- Protects steel formwork from corrosion and plywood formwork from wicking of alkaline water, thus extending the form life.
- Suitable for all types of formwork.

Application area

- Suitable to use on all kinds of formwork such as steel, plywood, timber, aluminium and plastic, etc.

Physical properties

| | |
|---------------------|--|
| Form | Liquid |
| Colour | Light yellow to brown |
| Specific Gravity | 0.83 ± 0.02 @ 25 ^o C |
| Flash point | >60 ^o C |
| Service temperature | -10 ^o C to +65 ^o C |

Coverage

CIKOlease will provide coverage of between 40 and 60 m²/L.

Note: The coverage rate depends on the type of formwork material.

Application instructions

Surface preparation

The surface of mould or formwork should be cleaned to remove deposits of concrete, loose particle and rust.

Application method

CIKOlease can be applied on cleaned formwork using brush, roller, sponge or spray. Ensure that the material is evenly applied over the surface. Non-absorbent surface require single coat and absorbent surface may require further coats depending on the rate of absorption. Pouring of CIKOlease on the formwork surface must be avoided.

Packaging

CIKOlease is available in 20 litre pails, 200 & 210 litre drums.

Shelf life

CIKOlease has a shelf life of 24 months if stored in accordance with CIKO instructions.

Storage

CIKOlease should be stored under enclosed shaded area at temperatures below 30^oC.

Precautions

- CIKOlease is flammable and care must be taken during its usage.
- Do not apply on reinforcing steel.
- When any material is to be applied overly the newly formed concrete, follow the application instruction and surface preparation of material manufacturer.

Health & safety

CIKOlease should not come in contact with eyes or be swallowed. Ensure adequate ventilation and avoid inhalation of vapours. Applicator should wear appropriate clothes, gloves and goggles. Use of barrier cream is recommended to provide additional skin protection. If comes in contact with eyes, flush with plenty of fresh water and seek medical advice.

Refer Material Safety Data Sheet for further details.

Technical Support

For any technical support, do not hesitate to contact CIKO team at any time as CIKO offers on and off site services to end users, specifier and contractors.

More from CIKO Middle East

A wide range of construction chemical products are manufactured by CIKO Middle East which includes:

- Concrete admixtures and additives
- Waterproofing and damp proof coatings
- Surface treatments
- Flooring and toppings
- Grouts and anchors
- Tile adhesives and grout
- Adhesives and bonding agent
- Concrete repair materials
- Protective coating
- Joint Sealants and Moulding compounds
- Ancillaries