

CWC®RELEASE DL100

Mineral Oil based, ready-to-use, form-release agent

Description

CWC®Release DL-100 is a specially formulated low viscous mould release agent for precast concrete segments. It is a blend of additives and chemicals having good releasing properties, which are superior to those of conventional mould oil. The **CWC®Release DL-100** 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 formwork. It enables oil free finish surface after deshuttering giving advantage of less surface wire brushing / mechanical rubbing before providing any coating or renderings.

CWC®Release DL-100 is supplied as a ready to use low viscous liquid for direct application and use.

Indicative characteristics

- Form : Oily liquid
- Specific Gravity : 0.83 ± 0.02
- Thining : Not recommended
- pH : ≥ 6
- Coverage : About 40 sq. mtr.
per ltr depending on type of form, porosity
texture of surface and ambient
temperature.

ADVANTAGES :

- Provides a clean positive release even in intricate and difficult casting condition.
- Reduces labour cost, cleaning time and possible damages to the formwork.
- It can easily be applied by sprayers, on account of the high rate of coverage, the applied cost of **CWC®Release DL-100** compares favorably with that of conventional mould oil. Having regard to the technical benefits additionally obtained the overall economy of using **CWC®Release DL-100** can be significant. It forms fast stable thin film when dried up.
- It does not corrode steel. It enables fast and easy stripping of formwork.
- Due to its excellent release properties, little or no deposit of cement paste remains on the shutter surface.

Domains of application

- Poured concrete
- Precast & Pre-stressed concrete
- All types of formworks like Steel, Plastic, timber Fiber glass
- Boards for concrete block manufacturing

Precautions

Not to be stored at high temperatures for long periods. Should be protected from frost. Do not mix with other products. Wear safety goggles while handling. Any splashes on eyes wash with water and seek medical advice immediately.

Method of use

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. Formwork should be preferably treated before being erected, thus avoiding the contamination of reinforcement. It is recommended that **CWC®Release DL-100** should be applied to the formwork within 24 hours prior to each use but once applied should not be exposed to severe weather conditions like rain, high temperature and high humidity etc . In pre-cast works where moulds are struck in less than 12 hours. '**CWC®Release DL-100** can be used ideally. Where moulds are rusty or have a build up of old concrete they should be coated with **CWC®Release DL-100** and left overnight. Before use, they should be cleaned down and than scrubbed with 50% mixture of '**CWC®Release DL-100** and kerosene. This will clean the working surfaces and '**CWC®Release DL-100** can be used in usual manner.

Shelf Life: If stored in unopened containers at normal ambient temperatures, a shelf-life of approximately 12 months.

Packaging

- 20, 200 Ltr Barrel

Safety

Before use, refer to the Material Safety Data Sheet. The MSDS is available on www.cwcchemicals.com.