

K2 CENTREL EMRA

CONCENTRATED AND EMULSIFIED CHEMICAL
MOULD RELEASE AGENT



BENEFITS

- Stain Free and is free from cleaning shabby oil stains if plastering is not required.
- Produces a high quality and neat faced finish concrete and minimizes cleaning of form faces between pours.
- Effective and Versatile on all types of moulds. Can be used on wooden or metal surfaces.
- Highly concentrated and Only requires water for dilution.
- Easy to store, handle and transport
- Ideal mould release agent in ceramic industries, pavement block moulds, Brick moulds and construction form work.

PROPERTIES

Appearance : Brown Clear Liquid turns white with water.

Dilution - 1 part K2 Centrel EMRA : 4parts potable water (V/V)

Specific Gravity – Generally 0.835 to 0.845

Chemical Reaction : Reacts with the alkali in concrete and forms a thin water repellent skin on the surface for easy demoulding.

Mixing

Dilute K2 Centrel EMRA concentrate in the proportion of 1:4 with water, using a clean container and stirring thoroughly until evenly mixed. If the emulsion is not used the same day, it should be stirred again before use and may require vigorous stirring after 5 days.

New Timber or Metal Moulds : No preparation is normally necessary .

Used Timber or Metal moulds : Must be thoroughly cleaned and free from old concrete, dirt, cement laitence, old mould oil and other contaminations

Using a strong detergent or degreaser.

Application Procedure:

Apply the 1:4 water diluted K2 Centrel EMRA to the face of the form work by spray, brush or cloth. Only one thin coat should be applied. For Absorbent new timber two coats may be necessary for the first application only. Allow to dry. If the form work is not used for several days, a further coat may be applied. Excess coating could lead to surface dusting of the concrete. Fine sprayer and good quality brush present best application results. For cloth application, soak in the release agent and then squeeze out well before applying for thin film formation.

K2 Centrel EMRA should not, generally, be used where demoulding is necessary in 24 hours.

Drying time : Ensure thorough drying of K2 Centrel EMRA before placing concrete. In high humid conditions drying times will be much longer. Protect the K2 Centrel EMRA coating from rain.

De-moulding : De-moulding can be carried out in the normal way. After de-moulding form work surfaces must be thoroughly cleaned. Apply fresh coats of K2 Centrel EMRA whenever the cleaned form work materials are used.

Packaging

K2 Centrel EMRA is supplied in 5 liter, 20 liter and 200 liter containers.

Coverage

1 liter : 4 liter emulsified K2 Centrel EMRA covered 80 to 160 sqmt depending upon the nature of the substrate.

On timber or plywood - 85 to 100 sqmt / 5 liters of solution.

On Steel - 120 to 160 sqmt / 5 liters of solution.

STORAGE

K2 Centrel EMRA has a shelf life of 12 months in normal temperature conditions..

Diluted K2 Centrel will be stable for nearly 5 days and must be re-stirred before use.

Health and safety instructions

Normal precautionary measures should be adapted during the use of K2 Centrel EMRA. In case of contact with skin, eyes or if inhaled, seek medical attention immediately.

Fire

Flash point of K2 Centrel EMRA is approximately 59°C.

TECHNICAL SUPPORT

The company provides a technical service supported by a team of specialist applicators in the industry

Important note :

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