



# KEM CURE AID 10

(EM & EB Grades)

Curing Agent for Concrete

Ref. ST/CC-V2-0212

## Description :

KEM CURE AID 10 (EM & EB) is a curing compound conforming to ASTM C 309 type 2 and BS - 7542. KEM CURE AID 10 (EM & EB) is used on pavement concrete construction in order to avoid fast drying of the surface, which is exposed to atmospheric conditions.

KEM CURE AID 10 (EM & EB) is a water based Dispersion of Aluminum pigment in resin emulsion. On application it forms a thin film which delays the concrete drying during the curing process and avoids the formation of early shrinkage cracks.

## Uses :

As a concrete curing agent for airport runways, road pavements, bridge decks and all kinds of precast concrete elements.

## Advantages :

- Avoids crack formation due to fast drying.
- Improves the properties of hardened concrete.
- Makes possible curing in areas where conventional curing is difficult to carry out.
- Keeps concrete moist for longer periods and enables smooth curing.
- The film peels off automatically on completion of the curing process.

## Typical Properties :

**Appearance** : Off White / Silver Grey

**Sp. Gravity** :  $1 \pm 0.04$  kg per ltr.

**Water Lost Properties** : Restricts the loss of water to not more than 0.55 kg / sq. m. in 72 hrs.

(ASTM C- 309 and BS - 7542)

## Standards :

ASTM C – 309, Type 2, Class B

BS – 7542

## Direction For Use :

The product should be stirred thoroughly before application. KEM CURE AID 10 (EM & EB) is applied on the fresh concrete when the concrete surface does not shine anymore. It is either sprayed or applied by means of a rubber wiper, roller or brush. The film formed should be homogeneous. Wall components must be coated immediately after stripping. The applied film decays within a few weeks.

If the concrete surface is to be treated with paints or screeds, KEM CURE AID 10 (EM & EB) should not be used.

In case of rainfall immediately after application, we recommend to protect the curing film during the initial hours after application of the film.

## Coverage

The consumption of KEM CURE AID 10 (EM & EB) (EM & EB) is approximately 150 - 200 gm/m<sup>2</sup>. In case of heavy winds or higher temperature, a consumption of 250 - 300 gm/m<sup>2</sup> is recommended.

## Packaging :

100 / 200 Ltrs.

## Storage & Shelf Life :

**Storage** : In shade

**Shelf Life** : 12 Months

## Technical Service :

Chembond has established itself in various fields on the basis of its dependable technical services. For this purpose, we maintain a well equipped laboratory for research & quality assurance of all products. Our experienced personnel are always on call & would always be available for product demonstrations & product performance monitoring.

## Cleaning

Tools and equipments like spray gun should be immediately cleaned using water.



### **Safety Precautions :**

It is advisable to wear goggles while spraying. Inhalation of spray should be avoided. In case of contacts with skin, should be cleaned immediately. Seek medical advise incase of contact with eyes.

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