

KEM CURE AID 10 W

Curing Agent for Concrete Surface

Ref. ST/CC-V1-0112

Description

KEM Cure Aid 10 W is a curing compound used on concrete construction in order to avoid fast drying of the surface, which is exposed to atmospheric conditions. It is used for curing slabs, walls, canals, dry lean concrete pavements, bridge decks, all kinds of pre-cast concrete elements, etc.

KEM Cure Aid 10 W is a white-pigmented synthetic wax emulsion. On application it gives a thin surface finish which delays the concrete drying during the curing process and avoids the formation of early shrinkage cracks. When using KEM Cure Aid 10 W, it becomes unnecessary to spray water on the concrete surface or protect the surface with wet burlap mats and plastic foils.

Advantages

- 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.
- Its high reflectance property helps concrete from not drying at early stage.

Typical Properties

- **Appearance** : White liquid
- **Specific Gravity** : 1 ± 0.02
- **Reflection** : 65-70%
- **Water retention efficiency** : 90 – 95% (BS 7542)

Standards

ASTM 309, Type 1

BS 7542

Direction for use

The product should be stirred before application. KEM Cure Aid 10 W is applied on the fresh

concrete immediately after removal of formwork or when the surface does not shine anymore. The product is generally sprayed or applied by means of a rubber wiper, roller or brush. Wall components must be coated immediately after stripping. The applied film decays within a few weeks. In case of rainfall immediately after application, we recommend to protect the curing film during the initial hours.

Coverage

The consumption of KEM Cure Aid 10 W is approximately 150 - 250 g per square meter depending upon the porosity of the substrate, spreading technique and the climate conditions.

Packaging

30/50/100/200 LTR.

Storage and Shelf life

- **Storage** : Away from direct sun
- **Shelf life** : 12 months.

Technical Service

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

Safety precautions

KEM Cure Aid 10 W is non-toxic, non-flammable and non-hazardous. However, any splashes on any part of the human body, must be washed with plenty of water

Note

KEM CUREAID 10W is a wax based curing compound. In outside exposed conditions, KEM Cure 10 W generally degrades, within 28 days. For further safety, incase subsequent coatings, repairs or overlays are necessary we recommend to completely scrub the applied surface using mild detergent solution. The scrubbing can be done using light wire brushes or hard nylon brushes. If the subsequent coatings are moisture sensitive,



ensure that the substrate is completely dry before such applications.

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