



TECHNICAL DATA SHEET

KEM CURE AID – 10W

Curing Compound – Wax Based

DESCRIPTION:

Kem Cure Aid – 10W is a white pigmented, low viscosity, membrane forming synthetic wax emulsion, formulated from hydrocarbon resin. On application to fresh concrete, it forms a impervious film, which prevents excess water evaporation, allows the concrete to retain sufficient moisture to ensure full hydration of cement: essential for optimum strength development.

PRODUCT SPECIFICATION / COMPLIANCES:

Kem Cure Aid – 10W meets/exceeds the requirements as per ASTM C-309 Type 1 Class-A.

Appearance	: Yellowish-White Colour
Specific gravity	: 1.0 Apprx.
pH	: 7.5 – 8.5
Water retention efficiency	: 90 –95% (BS: 7542)
Shelf life	: 6 months in the original un-opened packing.
Storage	: Keep away from direct sunlight and extreme heat.

PRIMARY APPLICATIONS:

- As a more effective and economical alternative to conventional water curing and in areas where water curing is difficult and unreliable.
- Useful for large areas of concrete, like pavements, runways and bridge decks.
- Useful for vertical and slopping surfaces as on towers, chimneys, canal lining columns and beams.

PRODUCT FEATURES:

- Quick and efficient film formation ensures uniform curing.
- Forms an efficient moisture barrier for optimum curing of concrete.
- Helps harden concrete through promotion of proper cement hydration.
- Benefits the concrete surface in minimizing drying shrinkage cracks.
- Reduces dusting, increases frost resistance.
- Minimizes human error element during curing stage.
- Curing compound applied area is clearly visible by its colour difference.
- Water repellent .
- Has no unwanted side effect with plastic/green concrete.
- Application is easy and safe, non-toxic and non-flammable.
- Film automatically peels off after the surface is cured.



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DOSAGE:

Kem Cure Aid – 10W should be agitated/stirred thoroughly before use. Kem Cure Aid – 10W should be spray applied as evenly as possible to the freshly placed concrete after finishing to the desired texture. For horizontal surface or exposed slabs Ken Cure Aid – 10W should be applied as soon as the initial 'Sheen' as disappeared from the concrete surface or the surface is free from visible water. In case of shuttered/formed concrete/pre-cast concrete Kem Cure Aid – 10W should be applied immediately on removal or de-moulding of formwork. On vertical and formed surfaces, it is essential to dampen down the concrete with clean water prior to application. Do not subject to rain or water for 2 hours after application.

Coverage: In normal cases approximately 150 – 120 gm/sq.m. is sufficient. In case of heavy winds or high temperature 250 gm/sq.m. is recommended.

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

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