



TECHNICAL DATA SHEET

KEM CURE AID - 10

Curing Compound – Resin Based

DESCRIPTION:

Kem Cure Aid – 10 is a high efficiency, fully synthetic emulsion of resins with aluminum flakes in medium dispersed condition. On application on concrete surface a aluminized synthetic resin film formed with good solar reflectance reduces surface temperature and prevents the premature water loss by evaporation, allows the concrete retain sufficient moisture to ensure full hydration of cement: essential for optimum strength development.

PRODUCT SPECIFICATION / COMPLIANCES:

Kem Cure Aid – 10 meets/exceeds the requirements as per ASTM C-309 Type 2.

Appearance : Light Silver Gray Colour

Specific gravity : 1.0 Approx.

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:

- High curing efficiency & Solar reflective
- 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 – 10 should be agitated/stirred thoroughly before use. Kem Cure Aid - 10 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 – 10 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 – 10 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 – 10 is non toxic and non-flammable. However, any splashes on the human body must be washed with plenty of water.

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