

SUNKEM PLAST A

WATER REDUCING CUM SET ACCLERATING CONCRETE ADMIXTURE

SUNKEM PLAST - A is a highly effective plasticizer cum set accelerator which accelerate the setting time and strength of the admixed concrete or mortar hereby providing multiple advantages. It is an high performance and an unique combination of selected organic polymers and inorganic component, free from chloride and provide substantial amount of water reduction and promoting high early and ultimate strength even in coolest weather and or under water conditions.

ADVANTAGE

As a plasticizer

- * Produce high early strength coupled with improved workability without incurring substantial extra cost.
- * Improves the common properties of the mix, reduces the segregation and bleeding.
- * Improves durability by increasing density and lowering permeability.

As an accelerator,

- * Provides acceleration in setting time, by virtue of which casting and policing is made easier, particularly in cold weather and underwater concreting.
- * Suitable for all types of precast & Prestressed concrete works, where early release and re-utilization of form work is essential to economical and speedy production.

USES

- * Concrete laid at normal or bellow climatic temperature.
- * Suitable for use any grade of concrete below or above ground level specially in under water concreting.
- * Suitable for use in Prestressed structures, precast job like Block-Bricks, Cement Tiles, Manholes, Pipes or Electric poles
- * Manufacturing units.
- * Emergency repairing where early strength development is essential like Railway Bridge, Road culverts, Public utility structures etc.



INSTRUCTION FOR USE

MIXING

SUNKEM Plast - A is supplied in ready-to-use form and should either be pre mixed with gauging water or added directly into to the mixture at the same time as the water. For best results mix the concrete for 3-5 minutes depending on power and volume of mix.

IMPORTANT NOTE

- i) The Optimum dosage should be determined by site trials with actual ingredients in a particular concrete mix.
- ii) Admixtures should not be added to the dry cement in any case. For better dispersions it should be dilute with about 10% of total mixing water.
- iii) Hand mixed generally be avoided except small quantities.

TECHNICAL DATA

Form : Liquid.

Colour : Light Brown.

Base : Inorganic modified SNF

Type : Plasticizer cum accelerating admixture for concrete and mortar.

Conforms to : IS-9103-1979

Air Entrainment : Nil to marginal

Dosage : 500 ml. 1000 ml. per 50 Kg. of cement. (Depend upon the nature of work)

Shelf Life : 12 months if stored unopened in original container at normal ambient temperature.

Toxicity : Non toxic but avoid inhalation.

Handing : Presents no fire or health hazards.

Packing : Available in 5,25 and 200 Ltr. Drum.

