

# VISTA SUPERPLAST-HS 1000

(High Range Water Reducing Retarding Admixture)



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## DESCRIPTION

Vista Superplast HS-1000 is a unique multipurpose advanced technology high performance Super plasticizing admixture based on Modified poly carboxylate ether conforming to IS 9103:1999; ASTM C494.

## ADVANTAGES

- ▶ Improves Dispersion Properties.
- ▶ Very High Water Reduction.
- ▶ Improves Strength And Density.
- ▶ Improves Compactness.
- ▶ Improves Cohesiveness.
- ▶ Improves Workability Retention.
- ▶ Improves Rheology.
- ▶ Improves Flowability.
- ▶ Arrest Shrinkage.

## USES

Vista Super Plast HS 1000 is recommended for use in free flowing concrete in Piling, floors, slabs, foundations, slender components with packed reinforcement, walls and columns and other structural elements.

## PROPERTIES

Aspect	Light Brown Liquid
Specific Gravity	1.10 ± 0.02@27°C
Chloride Content	0.2%(Max)
pH	>6

## APPLICATION INSTRUCTION

Dosage : As an estimate, the rate of addition of Vista Super plast HS 1000 is generally in the range of 0.4% - 1.2% by weight of cement. Optimum dosage is the best determined through sites trails with the concrete mix in comparison with a mix containing no admixture which allows the measuring of workability and strength gain.

For best result, the measured quantity of Vista Super plast HS 1000 should be added in last phase, after pre wetting the mix with 80% of the total water required.

An overdose of double the recommended amount of Vista Super plast HS 1000 will result in very high workability and some retardation of setting time. Ultimate compressive strength will, however, not be impaired.

## STORAGE

Vista Super plast HS 1000 should be protected from extreme temperatures and preferably stored in the shade , and has a minimum shelf life of 12 months when it is stored under normal temperatures.

## SHELF LIFE

12 months from the date of manufacture in unopened condition. Should be stored in a cool and dry place away from direct sunlight.

## PACKING

Vista Super plast HS 1000 is supplied in 250kg HDPE barrels.

## PRECAUTIONS

Health & Safety Instruction : Vista Super plast HS 1000 is nontoxic. Any splashes on the skin should be washed immediately with water.

## NOTE

✱ The content of the technical data sheet are for general information and guideline only. Results shown here are generated from our laboratory or from our site experiences. This behavior may change as per prevailing condition at the time of application.

✱ VISTA maintains a team of technical trained professional to provide full support in regards to any of our products.



Manufactured & Marketed By:

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