



VISTA

VISTA SUPERPLAST

Super plasticizer cum water reducing Admixture

DESCRIPTION :

Vista Superplast is a high water reducer and slump retaining admixture formulated using Sulphonated Naphthalene Formaldehyde, that is supplied as a light brown liquid which is suitable for concreting in all climates. Its special formulation allows for water reductions without any loss to workability, and also to produce higher quality concrete of reduced permeability

Vista Superplast complies with IS--9103:1999 and BS:5075 part 3, and also with ASTM-C-494 Type 'F' and Type 'A' depending on the dosages used.

Advantages:

- . Provides significant increases in ultimate strength.
- . Extends the setting time.
- . Up to 15%-20% water reduction.
- . Permeability of the concrete is reduced.
- . Produced floatable concrete.
- . Provides very high workability of concrete mixes without addition of extra water.
- . Improves retention of high workability with time, without excessive retardation of set
- . Reduced risk of segregation and bleeding
- . Improved quality-Produced denser and more durable concrete.

Uses:

Vista Superplast is recommended for use in columns, beams, shot Crete, foundation and slender component with packed reinforcement, floor slabs and ceiling.

Properties:

Aspect	Light Brown Liquid
Specific Gravity	1.20+/-0.02@27°C
Chloride Content	Nil (as per BS: 5075)
pH	8+

Compatibility:

Vista Superplast can be used with all types of cement except High Alumina Cement.

It is compatible with other types of vista admixtures when added separately to the mix. Site trials should be carried out to optimize dosages.



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Application Instructions

Dosage: As an estimate, the rate of addition of **Vista Superplast** is generally in the range of 0.8% - 1.5% 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 Superplast** should be added in the last phase, after pre wetting the mix with 80% of the total water required.

An overdose of double the recommended amount of **Vista Superplast** will result in very high Workability and some retardation of setting time. Ultimate compressive strength will, however, not be impaired.

Storage:

Vista Superplast 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:

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

Packing:

Vista Superplast is supplied in 250kg HDPE barrels.

Precautions

Health & Safety Instruction : **Vista Superplast** is non toxic. 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

VISTA CHEMTECH PVT. LTD.

(An ISO 9001 Certified Co.)

A SURANA GROUP OF INDUSTRIES

Corporate Office :

7/1B, Grant Lane, Kolkata – 700 012, (INDIA)

T : +91 33 2237 9394 / 2236 0469 / 2215 5513

F : +91 33 2237 9394

Works :

PO - Jalabishwanathpur, Amta

Howrah - 711 322

E : vista@asuranagroup.com ; W : www.asuranagroup.com ; S : asuranagroup

Ankleshwar • Balasor • Gangtok • Howrah • Kolkata