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VISTA CATASOFT C - 88 A Multipurpose Cement Mill Additive

Description :

VISTA CATASOFT C - 88 is a speciality cement additive synthesized at VISTA laboratories to assist cement industry in increasing mill output, reducing electricity cost, improving efficiency of grinding and reducing pack or silo set.

VISTA CATASOFT C - 88 is an organic complex amine salt ethoxylated in presence of cement strength enhancing chemicals and flow improvers through "SOL GEL" technology – FIRST of its kind in cement chemicals. Its molecule contains cationic (positive) as well as negative charges in the form of anion in balanced proportion to reduce the surface energy force causing cohesion of freshly fractured cement particles due to vanderwaal force.

Advantages :

- Increased mill output maintaining same cement fineness.
- Significant Reduction in unit power input & Grinding cost.
- Increased Cement Flow ability and reduced pack set or Silo set resulting in lower handling cost & reduction in waste.
- Increase cement strength through all ages and controls residue.
- Increased workability of Cement Mortar & Concrete.
- Increase life of Grinding media and linear plates i.e. decrease in maintenance cost.
- Improves IST & FST.
- Minimal dosage of 0.03 to 0.1 percent by weight of cement.

Specification :

Form : Liquid
Colour : Brown to amber
Specific Gravity : 1.10 – 1.30
Chloride content : Nil
pH Value : 7 + / - 1

It complies ASTM C 465 as processing additive for cements

Application of VISTA CATASOFT C - 88 :

Laboratory mill evaluations of clinker and other additions viz Fly ash, granulated BF or steel slag, Gypsum, limestone etc are recommended to determine initial blend proportion, grinding efficiency, mortar flow, pack set index, and compressive strength of cements at varying dosage to work out the most economic dose level. Cement mill trials should follow to finalize continuous use of this additive.



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Dosing equipment :

VISTA CATASOFT C - 88 should be accurately proportioned through a calibrated dosing system. Vista's technical service wing is ready to assist the customer

Addition rates :

Typical dosage rate may vary from 0.05% - 0.10% by weight of cements including Portland , Portland – pozzolona or Portland – slag cements as the case may be.

Storage :

Protect from freezing during cold climate. Once frozen it should be thawed out slowly and remixed thoroughly prior to use.

Shelf Life : Best before 1 year in packed condition.

Packing : Available in 250 Kg. HDPE Barrel & 1000 Kg. Container.

NOTE :

The contents 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.)

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