SIDDHI VINAYAK
CONSTRUCTION CHEMICAL PVT. LTD.

TECHNICAL DATA SHEET

MULTI-CRETE-MAX™

Concrete Admixture

DESCRIPTION

Multi-Crete-Max Accelerating Superplasticizer Concrete Admixtures Affect The Rates Of Reactions Between Cement And Water To Give An Overall Increase In The Hydration Rate. Thus, The Use of Multi-Crete-Max In Concrete Provides A Shortening of Setting Time And Increase In Early Strength Development Multi-Crete-Max Concrete Admixture Are Provided Multiple Benefits, Multi-Crete-Max Provided Earlier Finishing of Surfaces and Reduction of Hydraulic Pressure on Forms , More Effective Plugging of Leaks Against Hydraulic Pressure The Benefits of An Increase In The Early Strength ,Multi Crete Max Concrete Admixture Earlier Removal of Forms Your Concrete Products, Multi Crete Max Concrete Admixture To Partial or Complete Compensation For The Effects of Low Temperature on Strength Development.

DOSAGE AND USAGE

The Normal Recommended Dosage Is Between 0.4% To 1.6% By Total Weight of Cementitious / Binder Material, Diluted With 50% Water . The optimum Dosage of Crete-Max Superplasticizer Concrete Admixture To Meet Specific Requirement Should Always Be Determined By Trials Using The Materials And Conditions That Will Be Experienced In Use. Stir Well Before Use .

ADVANTAGES

- Multi-Crete-Max Concrete Admixtures Reduce The Required Amount Of Cement And Make Concrete Economical.
- The Mixing Of Concrete Can Accelerate The Setting Time.
- Multi-Crete-Max Concrete Admixtures Provide Initial Strength In Concrete.
- There Are Some Enzymes That Work As An Anti-Bacterial Agent
- Multi-Crete-Max Concrete Admixtures Improve The Resistance Against The Freeze-Melting Effect On Concrete.
- Minimizes Damage Due To Early Handling.
- Multi-Crete-Max Concrete Admixtures Maintain Maximum Stability By Bringing Waste Products Into Use.
- Reduces Efflorescence.
- Multi-Crete-Max Concrete Admixutre Enhance The Practicality Of Concrete.

- There Are Mixtures Of Concrete That Reduce The Initial Strength But Increase The Strength Of Hardened Concrete Compared to Normal Concrete.
- Multi-Crete-Max Concrete Admixture Reduces The Initial Heat of Hydration and Overcomes The Problem Of Thermal Cracking In Concrete, If There Is Excess Heat of Hydration The Cracks Can Spread To The Fresh Concrete.

PACKAGING

- 25 KG HDPE CANE

SELF LIFE

12 months from date of production if stored properly in undamaged unopened and original sealed packaging.

STANDARDS

- IS 9103:1999
- ASTM C 494

HANDLING AND STORAGE

The material is highly hygroscopic in nature. Store in a moist free, cool and dry onditions. Protect from direct sunlight and frost. Handle the product(s) very carefully uring transportation.

IMITATIONS

Multi-crete-max Super Dispersant Admixture shall not be added to dry cement. Dosage eyond limits can be used to meet particular mix requirements in consultation with SVCC echnical department. Over dosage may cause delay in the setting time and segregation.

PROPERTIES

- Chemical Name: ~ Polymer base
- Appearance: ~ Light brownish powder
- Solubility: ~ Water soluble
- Density: ~ 1.05KG/L at 25°C
- Drying Loss [%]: ~ Maximum 1.0%
- Solid Content [Weight]: ~ 95.0 ± 1.0
- pH {value(23°C) 50% of water solution}: ~ >6.5
- Chloride Content: ~ Below 200ppm.

SAFETY PRECAUTIONS

Multi-crete-max Super Dispersant Admixture is non-toxic and nonflammable. Splashes on eyes has to be immediately washed with plenty of water and seek medical advice. Wear all PPEs at the time of the application like safety boots, goggles, hand gloves and masks. Avoid contact with skin and eyes. Any direct skin contact with the products should be washed off thoroughly with soap and water.