COSTAMIX 200N
High Range Water Reducing Super Plasticizer

Description

COSTAMIX 200N is a specially formulated, SNF based polymer; high ranged water reducer specially formulated to improve workability, durability and also reduces permeability.

Whilst still improving the plastic and hardened properties of the concrete, mix designs with Costamix 200N gives cement reduction. Batching water is also reduced without loss of workability.

Uses

- To produce high strength, high grade concrete by substantial reduction in water resulting in low permeability and high early strength.
- To produce high workability concrete requiring little or no vibration during placing.
- Costamix 200N is used to produce various ranges of concrete such as ready-mix, pumped concrete etc.
- Used to produce workable concrete with lower total water content and wherever high-quality concrete is required.

Features

- Reduced dimensions of long term shrinkage and creep. Also minimizes risk of segregation and bleeding
- Improved workability, air entrainment and pumping properties
- Chloride-free and suitable for pre-stressing
- Increased compressive and flexural strength of the concrete both at early and final stage.
- Protection of reinforcement steel against detrimental water-borne attack.
- Reduces the need for job site adjustment of slump and workability.
- Allows specified strength grades to be met at reduced cement content and increased workability.
  Chloride free, safe for use in pre-stressed and reinforced concrete.

Technical Data

Appearance	Brown Low Viscous Liquid
Chloride Content	Nil
PH Value	7-9
Density	1.18g/cm3 + 0.01
Air Entrainment	< 2%
Water Reduction	20-30%
Setting Time	9-15 hours

Dosage

Optimum dosage should always be determined by trials using the materials and conditions that will be exposed in use to meet specific requirements.

Typical dosage for costamix 200N in normal concrete is within the range of 0.7-1.3% per 100Kg of cementitious material. For high workability, normal range is within 0.70-1.30 liters per 100Kg of cementitious material.

COSTAMIX 200N

COSTAR
BUILDING PRODUCT SYSTEM

COSTAMIX 200N
High Range Water Reducing Super Plasticizer

COSTAMIX 200N

Effect of Overdosage	An overdose of above the recommended level of admixture may result in high workability, slight increase in air entrainment and retardation of setting time. The ultimate strength of the concrete will not be adversely affected and will generally be higher than for normal concrete if properly placed and cured.
Dispensing	The measured quantity of Costamix 200N should be added along with the gauging water. For best results, add Costamix 200N in the last phase after pre-wetting the mix with 80% of the total water required.
Spillage/Cleaning	■ Spillages of product should be absorbed onto sand, earth or vermiculite and transferred to suitable containers. ■ Remnants should be hosed down with large quantities of water.
Fire	■ It is water based and non- flammable.
Packing Size	1000L tank, 210L drum & 25L gallon
Shelf Life	■ 1 year
Standards	■ Costamix 200N is formulated to comply with all the requirements of ■ ASTM C494, TYPE A&F ■ En943, Part 2, Tables 1&2.
Safety Precautions	■ Avoid Contact with eyes and skin ■ If skin contact occurs, wash skin thoroughly ■ Wear Protective gloves and eye protection during work ■ If In eyes, hold eyes open, flood with warm water and seek medical attention immediately
Limited Warranty	All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty either expressed or implied. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from his or her use of the product. Nothing contained in any supplied materials relieves the user of the obligation to read and follow the warnings and instruction for each product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use away.

COSTAR
BUILDING PRODUCT SYSTEM

Call Us:
+9254348314

E-mail Us
Info@costarchem.com

Office Address:
5041 Mountaire Area, Antioch, California, USA