

COSTAMIX 100

Complete High Performance Water Reducing Super Plasticizer

Description

COSTAMIX 100 is a SNF based, high ranged water reducer specially formulated to improve workability, durability and also reduce permeability.

Primary Uses

- Costamix100 is used to produce various ranges of concrete such as pre-cast, ready-mix, pumped concrete etc.
- All concrete works where good workability and increased waterproofing properties are required such as sea walls, swimming pools, tunnels bridges etc.
- Used to produce workable concrete with lower total water content and wherever high quality concrete is required.
- Costamix 100 is also used for hot weather concreting.
- Costamix 100 is used where delayed setting and extended workability is required.

Advantages

- Reduced dimensions of long term shrinkage and creep. Also minimizes risk of segregation and bleeding
- Improved workability and pumping properties
- Chloride-free and suitable for pre-stressing
- Increased compressive and flexural strength of the concrete.
- Protection of reinforcement steel against detrimental water-borne attack.
- Reduces concrete porosity.
- Compatible with all types of Portland cement including sulfate Dosage is typically 1.5ltrs for 50kg of cement

Technical Data

Chloride Content	Specific Gravity	Air Entrainment (%)	Compressive Strength(MPa)	Water Reduction (%)	Compatibility	Color
Nil	1.175 ± 0.005 at 20°C	Less than 1	Increased early and Ultimate Compressive Strength	20 – 30	Compatible with all types of Portland cement	Dark brown

Dosage

Dosage is typically 1.5ltrs for 50kg of cement

Packaging

Costamix 100 is packed in 25 liters kegs, 210 liters drum.

Handling 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

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Standards

COSTAMIX 200 is formulated to comply with all the requirements of

- ASTM C-494, Type A
- En943, Part 2, Tables 1&2.

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.

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