

STAR PLAST SG-320

Super Plasticizer, High Range Water Reducer And Retarder

Product Description

STAR PLAST SG-320 is an organic polymer-based plasticizer developed for ready mixed concrete to give it workability retention and high strength development of normal grade concrete mixes without adding water. STAR PLAST SG-320 meets the requirements for ASTM C_494 **Types G**

Applications

STAR PLAST SG-320 suitable with all cement types, and recommended in the following

- Ready-mix concrete.
- Plain & Reinforced concrete, for all elements (piles, columns, slabs, walls ...etc.)
- Post-tensioned and prestressed concrete.
- Concrete paving and flooring

Product Advantages

- Increases both of working time and workability of concrete without adding water.
- Reduces segregation of concrete mix.
- Improves pumping by improving cohesion and reducing workability loss especially in hot weather.
- Allows to reduce water content.
- Reduced permeability of concrete.
- Reduces shrinkage cracks
- Free of chlorides or any other ingredients that may cause steel corrosion.
- Suitable with continuous concrete casting, especially casting of deep elements such as : piles.
- Suitable with all cement types.
- Improves surface finish.



Package: 1000 lt. flow bins Bulk.

Dosage

0.8 to 1.8 kg/100 kg of cement

Technical Data

Test

Density 1.18 ± 0.005 ASTM C494

Chloride Content NIL (BS EN 480)

Product Data

Composition Modified Synthetic Polymers

Appearance Brown Liquid

Storage Condition Store in a dry area between 5°C and 35°C. Protect from direct

Shelf Life 12 months minimum from production date if stored properly in original unopened packaging.