

STAR PLAST SB-220

Retarding Admixture

Product Description

STAR PLAST SB-220 is a liquid admixture that slows the cement hydration delaying the initial set in direct proportion to the dosage used. After the planned delay in initial set, hardening develops at an accelerated rate. Suitable for use in tropical and hot climatic conditions.

STAR PLAST SB-220 meets the requirements for **ASTM C-494 Types B**

Applications

STAR PLAST SB-220 is recommended as an effective Super plasticizer for promoting high quality concrete properties, Such as:

- Walls, columns and slender components packed reinforcement
- Beams and ceilings
- Floor slabs and foundations.
- Bridges and cantilever structures.

Product Advantages

- Controlled setting time.
- Does not entrain air even at high dosages .
- Improved durability.
- Improves shrinkage and creep behaviors.
- Lower pumping pressure

Typical use

- Large volume pours.
- Avoidance of cold joints.
- Construction joints without formwork.
- Long hauls.
- Difficult placing conditions.
- Elevated temperatures .
- Re-vibrated concrete.



Package: 1000 lt. flow bins Bulk.

Dosage

0.2 to 1.5 kg/100 kg of cement

Technical Data

Test

Density 1.15 ± 0.01 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 5C and 35C. Protect from direct

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