

## STAR PLAST SF-300

### Ultra High Range Water-Reducer Admixture

#### Product Description

**STAR PLAST SF-300** is a highly effective dual action liquid super plasticizer for the production of free flowing concrete or as a substantial water-reducing agent for promoting high quality strength concrete. **STAR PLAST SF-300** does not contain calcium chloride or any other intentionally added chlorides and will not initiate or contribute to corrosion on steel reinforcement present in the concrete.

**STAR PLAST SF-300** meets the requirements for ASTM C\_494 **Types F**

#### Applications

**STAR PLAST SF-300** is used as a super plasticizer and water reducer with the following advantages:

- Slabs and foundations
- Paving and industrial floor
- Walls, columns and piers
- Slender components with densely packed reinforcement
- Piles
- Pre-casted concrete
- Pre-stressed concrete
- Bridges and cantilever structures

#### Product Advantages

- Up to 35% water reduction.
- Final strength improved up to 40%.
- Workability is greatly improved.
- Concrete requires less vibration.
- Improved cohesion of the concrete mix.
- reduces significantly the risk of segregation and allows greater time for placement.



**Package:** 1000 lt. flow bins Bulk.

#### Dosage

0.4 to 2.5 kg/100 kg of cement

#### Technical Data

##### Test

**Density** 1.195 ± 0.005 ASTM C494

**Chloride Content** NIL (BS EN 480)

#### Product Data

**Composition** Based Polymer And More Additives

**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.