

# ARACO SP 20

## Ultra High Range Water-Reducer Admixture

### Product Description

ARACO SP20 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.

ARACO SP20 meets the requirements for ASTM C-494 Types F, ARACO SP20 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.

### Applications

ARACO SP20 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 3 kg/100 kg of cement

### Technical Data

#### Test

Density 1.195 ± 0.005 ASTM C494

Chloride content NIL (BS EN 480)

### Product Data

Composition Sulphonated naphthalene based polymer

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.

## Safety Instructions

The product may cause skin irritation. Wear gloves and goggles and apply barrier cream to your hands. In contact with eyes or mucous membrane. flush immediately with plenty of warm water and seek medical attention without delay.

## Legal Notes

The information, recommendations, and application are based on ARACO current knowledge and experience of the products when properly stored, handled, and applied under normal conditions. ARACO products are guaranteed against defective materials and manufacture and sold subject to standard conditions. Users should always refer to the most recent technical data sheet for the product concerned, copies of which will be supplied on request.

## More from ARACO

A wide range of construction chemical products is manufactured by ARACO which include:

- Premixed mortar
- Tile adhesives & Grout
- Concrete Repair
- Flooring systems
- Protective Coating
- Waterproofing
- Bonding Agents
- Concrete Admixtures
- Surface Treatments
- Grout & Anchors
- Sealants
- Sports Flooring