

# ARACO SP180

## High Range Water Reducing and Retarding Admixture

### Product Description

ARACO SP180 is a high range water reducing and retarding admixture with a unique formulation based on synthesized polymers technology.

ARACO SP180 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.

### Standard Compliance

- ASTM C-494 Types D and G

### Applications

ARACO SP180 is recommended for use in the production of all high strength concrete products, whenever high plasticity and increased early and ultimate strengths are desired.

The superplasticizing action of ARACO SP180 provides excellent workability at low water cement ratios.

### Advantages

- Extended setting times allow effective hot
- Higher early and ultimate strengths for cost effective high strength concrete
- Higher early strengths allow faster demolding and more efficient use of forms of precast
- Improves pumpability in conjunction with setting time
- Increased slump improves workability and reduces labor costs.
- Full flow action aids in pumping and reduces need for vibration.
- Greater concrete density reduces permeability and increases durability.
- High resulting workability recommended for congested reinforced structures
- Compatible with concrete containing pozzolanic materials.

### 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.



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

**Dosage:** 0.4 to 3% by weight

### Characteristics

Composition	Synthetic based polymers
Appearance	Brown liquid
Specific Gravity	1.18 ±0.015
Chloride Content	Nil
Storage condition	Store In a dry shaded condition, at temperature between 5°C and 35°C
Shelf Life	Original Sealed container has a shelf life of 12 months if stored in the right conditions

### 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.