



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.

Product 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.

Characteristics

Composition	Synthetic based polymers
Appearance	Brown liquid
Specific Gravity	1.20 ±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 package has a shelf like of 12 months if stored properly.



ARACO SP180+

PACKAGE 1000 lt. flow bins Bulk

DOSAGE 0.5 to 3% by weight

Tests were performed on dose 1.5%

Carry on the trial mixes to obtain the correct dosage

Freezing and thawing test not available

Safety instructions

Product may cause skin irritation. Wear gloves and goggles and apply barrier cream to 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 - 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 are sold subject to its 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.

ARACOFORBUILDINGMATERIALSANDCONTRACTING

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