

# ARACO SP4

High Range Superplasticizer for Early Strength Concrete Plasticizer

## Product Description

ARACO SP4 is a high range water reducing admixture with a unique formulation based on special modified polymers.

ARACO SP4 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 A and F

## Applications

ARACO SP4 is recommended for use in the production of all high strength concrete products.

ARACO SP4 causes the cement paste to disperse and has the positive consequence of requiring less mixing water to obtain a given concrete workability.

## Advantages

- High reinforced concrete works
- Flowable concrete with the lowest water/cement ratio without segregation or bleeding.
- Allows reduction of curing cycles - i.e. time or temperature.
- Possibility of the elimination of steams curing.
- Allows concrete production at low temperature.
- Less vibration required even in case of congested steel reinforcement.
- Less workmanship required.
- Improves concrete surface finish and texture.
- Compared to traditional superplasticizers, the addition of ARACO SP4 will improve the physical properties and thus the durability of concrete.

## 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:** 0.5 to 3.5% by weight

## Characteristics

Composition	Modified Synthetic polymers
Appearance	Brown liquid
Specific Gravity	1.15±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.