

# ARACO SP16

## High Range Water Reducer Admixture

### Product Description

ARACO SP16 is a high range water reducer based on modified polymers technology

ARACO SP16 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 Type G

### Applications

ARACO SP16 is recommended to be used for conventional precast/pre-stress applications, and may also be used for the production of self-consolidating concrete if needed.

In this case higher dosage may be necessary and use of viscosity modifying admixture can improve the performance, especially when lean, harsh mix designs or gap graded aggregates are used. ARACO SP16 is a high range water reducer providing excellent plasticity, and maybe effectively combined with set time accelerating or retarding admixtures to control the set time and slump life.

### High Plasticity

The superplasticizing action of ARACO SP16 allows the production of high-slump concrete without segregation such that concrete can be placed with minimal vibrations even at low water cement ratios. ARACO SP16 is typically very cost effective when used for water reduction in the range of 20 - 25%.

### Water Reduction

Implication of high performance polymers ARACO SP16 is to be used for all levels of water reduction. ARACO SP16 delivers high early strength development without causing delay of setting time, while providing a window of workability that makes it useful for most concreting applications. ARACO SP16 is designed for both the production of conventional slump concrete, as well as for SCC applications.



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

**Dosage:** 0.5 to 3% by weight

### Characteristics

Composition	Synthetic based polymers
Appearance	Brown liquid
Specific Gravity	1.16±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.