



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%.

Product Data

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 package has a shelf like of 12 months if stored properly.



ARACO SP16

PACKAGE 1000 lt. flow bins Bulk

DOSAGE 0.5 to 3% by weight

Carry on the trial mixes to obtain the correct dosage

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.

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

Lebanon, Beirut: Fax: +961 8 512413/ Tel:+9611562510

ARACO SP16



ARACO SP16

High Range Water Reducer Admixture

ARACOFORBUILDINGMATERIALSANDCONTRACTING

Lebanon, Beirut: Fax: +961 8 512413/ Tel:+9611562510

Version 2018

Email:aacm@araco-group.net / MOB:+961 3 104539