

# ARACO R107

## Water Reducer and Retarding Admixture

### Product Description

ARACO R107 is a special formulated water reducer retarding admixture based on selected resins and polymers, which provides a cost effective solution enhancing the water reduction and retarding effect.

ARACO R107 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 B and D

### Advantages

- High reinforced concrete works
- Improved workability and finishing
- Improves pumpability of concrete
- Provides uniform control of setting
- Reduces cracking and shrinkage
- Reduced potential for plastic shrinkage
- Improved plastic concrete properties
- 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 R107 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:** 1 kg

**Dosage:** 0.2 to 1.5% by weight

### Characteristics

Composition	Modified Synthetic polymers
Appearance	Light Brown liquid
Specific Gravity	1.07±0.02
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.