

## ARACO GROUT 350

Free Flowing non-shrink cementitious grout

### Product Description

ARACO GROUT 350 is a single component grout composed of blended cement, special additives and fillers to enable fluid consistency and smooth free flow of grout used for anchoring and post tensioning applications.

Once mixed with water, ARACO GROUT 350 will form a fluid grout that is either pourable or pumpable through small to long distances.

ARACO GROUT 350 contains no iron particles, chlorides or gypsum. The use of this product will not cause any type of rust, corrosion or ravel even under moist conditions.

### Standards Compliance

- BS EN 196-1
- BS 6319: PART 7: 1985
- ASTM C938-10
- ASTM C17141

### Uses

ARACO GROUT 350 can be used:

- Grouting anchor cables in suspended bridges
- Grouting of anchors in post tensioning cases
- Soil Stabilization grouting
- Cavity infill
- Grouting of general industrial equipment

### Advantages

- Free flow characteristics
- Non shrink
- High adhesion
- High early strength
- Suitable for grouting post tension cables
- Contains migratory corrosion inhibitors



**Package:** 25 Kg Bags

**Consumption:** 20 kg/m<sup>2</sup> per 10mm thickness

### Surface Preparation

Areas to be repaired must be clean, sound, and free of contaminants. Saturate the surface with water prior to application then allow surface to dry. All loose and deteriorated concrete shall be removed by mechanical means. Chipping and or whip sand blasting is preferred to get a sound, rough surface.

### Application

For each 25 kg bag of ARACO GROUT 350, add 5.5 to 6 liters of water.

Mix the ingredients using a suitable electrical drill for 3-4 minutes or until a uniform lump free homogeneous mixture is obtained. Allow the grout to mature for 1 min prior to pouring.

Pour ARACO GROUT 350 in a continuous manner and do not allow air pockets to develop. The pouring should take place within a maximum 20 min of the mixing.

## Curing

**ARACO GROUT 350** is a cementitious material. It should be cured in a similar manner to concrete. Curing can be also conducted using a curing compound **ARACO CURE W**. Refer to ARACO TDS for more info about **ARACO CURE W**.

## Product Data

Appearance	Grey powder
Fresh density	2.1kg/Liter
VOC	4.8 g /kg
Storage condition	Store in a dry area between 5°C and 35°C. Protect from direct sunlight
Shelf Life	Original sealed container has a shelf life of 6 months if stored in the right conditions.

## 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.

## 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.

## Technical Data

### Flexural Strength

Average strength at day 7	7.88 Mpa	ASTM C 580
Average strength at day 28	9.64 Mpa	

### Compressive Strength

Average strength at 1 days	29.3 Mpa	ASTM C579
Average strength at 7 days	63.7 Mpa	
Average strength at 28 days	74.6Mpa	

### Flow

After 30 min	18 seconds	EN 445
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### Positive Expansion

Average expansion	2.3%	EN 445
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- Premixed mortar
- Tile adhesives & Grout
- Concrete Repair
- Flooring systems
- Protective Coating
- Waterproofing
- Bonding Agents
- Concrete Admixtures
- Surface Treatments
- Grout & Anchors
- Sealants
- Sports Flooring