

## ARACO GROUT 350 M

Free Flowing non-shrink cementitious grout

### Product Description

ARACO GROUT 350 M is a ready to use two component grouting system .it is composed of selected sand, aggregates and special cement and additives.

Once mixed with water, **ARACO GROUT 350 M** will form a shrinkage compensating micro-concrete with high performance.

**ARACO GROUT 350 M** can be applied in a thickness of 5 cm to 50 cm per layer.

### Standards Compliance

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

### Uses

**ARACO GROUT 350 M** can be used:

- Jointing
- Assembly of pre-cast parts
- Shoring
- Soil Stabilization grouting
- Cavity infill
- Grouting of general industrial equipment

### Advantages

- Non shrink
- High adhesion
- High early strength
- Contains migratory corrosion inhibitors

### Curing

**ARACO GROUT 350 M** 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**.



**Package:** 25 Kg powder + 13 kg agg

**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 kit of **ARACO GROUT 350 M**, 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 M** 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. The use of additives is prohibited.

## Product Data

Appearance	Grey powder +aggregates
Fresh density	1.9 kg/Liter
Grain size	10 mm
VOC	4.7 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	5.7 Mpa	ASTM C 580
Average strength at day 28	7.1 Mpa	

### Compressive Strength

Average strength at 1 days	44 Mpa	ASTM C579
Average strength at 7 days	60 Mpa	
Average strength at 28 days	65 Mpa	

### Water absorption

percentage	1.7%	BS 1881 P122
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### Setting Time

Initial	6hrs	ASTM C403
Final	8hrs	

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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