



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

Characteristics

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



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PACKAGE	25 Kg
CONSUMPTION	20 kg/m ² 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**.

ARACO FOR ADMIXTURES & CONSTRUCTION MATERIALS S.a.I.

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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
Positive Expansion		
Average expansion	2.3%	EN 445

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.