



ARACO EPO FLO GROUT

High Strength Pourable Epoxy Resin Grout

Product Description

ARACO EPO FLO GROUT is a three component, solvent free, pourable grout. The system is based on epoxy resins and specially graded aggregates.

Once the three components of **ARACO EPO FLO GROUT** are mixed, a free flowing self-leveling epoxy grout will be produced.

Uses

ARACO EPO FLO GROUT can be used:

- On Concrete, Cementitious products, Stone, Steel, Aluminum, weed, polyester and epoxy surfaces
- Machine based plates
- Crane trails
- Pile top waterproofing
- Bearing plates
- Bridges
- tunnels
- Grouting areas subjected to chemical products

Advantages

- Resist dynamic loads
- Non shrink
- low creep characteristics under continuous loading
- Good flow in dense layers
- High early strength development

Product Data

Component	A : Liquid B : Liquid C : Powder
Density	A : 1.16±0.05 B : 0.89±0.05 C : 1.82±0.05
Density of the mix	2.2 ±0.05
Working time	2-3h @25°C 1.5-2.5h @35°C
Applicable thickness	12mm to 50 mm
Applicable Temp	15-35°C
VOC	<10 g/ltr
Storage Condition	Store in a dry area between 5°C and 30°C. Protect from direct sunlight
Shelf Life	12 months minimum from production date if stored properly in original unopened packaging.



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Package	12 Kg per set
Application Rate	2.1kg/ m ² per 1mm thck

Surface Preparation

All surfaces should be clean, sound and uncontaminated prior to the application of **ARACO EPO FLO GROUT**. All loose particles or de-molding agents shall be removed by mechanical means. Concrete surface must be dry. Steel surfaces should be grit blasted to remove all rust and scale.

Mixing

ARACO EPO FLO GROUT components shall be mixed by the mean of a mechanical mixer at a low speed (300 rpm) to ensure a proper mix.

Part B should be added to **Part A**. Mix the two component for about 2 minutes. Add **Part C** gradually and continuously. The mixing shall continue for an additional 3 minutes or until a uniform consistency is achieved.

Application

Make sure to mix enough material to achieve a continuous pouring of **ARACO EPO FLO GROUT**. The pouring shall start from one side to avoid air entrapment.

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

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TECHNICAL DATA	Results	Standard
Compressive strength		
At 3 days	> 98N/mm ²	
At 7 days	>115 N/mm ²	ASTM C579
At 28 days	>120N/mm ²	
Tensile Strength		
At 7 days	> 15 N/mm ²	BS EN 6319 part 7
Flexural Strength		
At 7 days	>30 N/mm ²	BS EN 6319 part 3
Bond Strength		
Average	4.5 N/mm ²	ASTM C 1583
Water absorption		
Percentage	0.09%	ASTM C413
Elasticity		
Modulus @20°C	>15 Gpa	ASTM C580
Shrinkage		
Average	< 340 microstrain	ASTM C157

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.

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