



ARACO REP FFR

One Component Cosmetic Fairing Coat Repair Mortar

Product Description

ARACO REP FFR is a one-component special formulated mortar for fair face repair. It is composed of a blend of hydraulic cements, carefully selected and graded aggregates, synthetic based additives and special additives.

Once mixed with water, **ARACO REP FFR** becomes a high consistent, smooth, fine, trowellable mortar.

ARACO REP FFR 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.

Uses

ARACO REP FFR can be used for:

- Fair faced concrete repair
- As a thin layer render
- To produce a uniform surface for subsequent paint finish
- Repair for brickwork, cement plaster and precast concrete.

Advantages

- External and internal use
- Excellent workability.
- Rapid hardening.
- Non-shrinkage material.
- High-resistant to water.
- High bond strength ensures excellent adhesion.
- Increased freeze/thaw resistance

Characteristics

Appearance	Grey powder
Grain Size	0 to 0.1 mm
Min. thickness	1 mm
Max. thickness	3 mm
VOC	19 g/ kg
Storage Condition	Store in a dry shaded ara 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 20 Kg

CONSUMPTION 1.3 kg/m² per 1mm 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.

Application

For each 2 kg bag of **ARACO GROUT 150**, add 6.5-7.5 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.

Apply the paste of **ARACO REP FFR** using a clean steel trowel.

Curing

As soon as the **ARACO REP FFR** has started to set it can be sprayed with small amount of water onto the surface of **ARACO REP FFR** prior to final smoothing.

Cure **ARACO REP FFR** with clean water for three days by spraying twice a day.

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

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TECHNICAL DATA

Flexural Strength at 28 days		
Concrete	4.33 Mpa	ASTM C 78
Hydraulic cement mortars	7.56 Mpa	ASTM C348
Tensile Strength		
Average strength at day 1	0.3 Mpa	
Average strength at day 7	0.62 Mpa	ASTM C1583
Compressive Strength		
Average strength at 2 days	7.4 Mpa	
Average strength at 7 days	9.8 Mpa	ASTM C109
Average strength at 28 days	15.5 Mpa	
Bond strength of epoxy-resin system used with concrete by Slant Shear		
Average bond strength at 1 day	0.4Mpa	
Average bond strength at 7day	2.8Mpa	ASTM C882
Average bond strength at 28day	6.1Mpa	
Length Change of Hardened Hydraulic –Cement Mortar and concrete		
Increase in length at 28days	0.071%	ASTM C157
Scaling Resistance of Concrete Surfaces Exposed to Deicing Chemicals		
Condition of the surface after 25 Cycles	Slight to Moderate Scaling	ASTM C672
Changes in Height of Cylindrical Specimens of Hydraulic –Cement grout		
Change in height at @ 28 days	0.06%	ASTM C1090

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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