

## ARACO REP FFR

Repair Mortar for Fair-Faced substrates

### Product Description

ARACO REP FFR is a one-component & ready mixed putty for smoothing internal and external surfaces prior to painting and coating applications. ARACO REP FFR is a development of typical properties of the pre-mixed polymer modified mortars meets the requirements for ASTM C 185- 02 section 5.2 and BS EN 196-1.

### Applications

ARACO REP FFR is a dry pre-mixed cementitious paste for fair -faced repair in one or two coats on internal and external surfaces in the following application: -

- Resurfacing deteriorated concrete.
- Repair for fair-faced concrete.
- Repair for brickwork, cement plaster and precast concrete.
- Repair of uneven profiled damaged surfaces.
- Repair small defects and joint sides
- Fairing coat and repro filling.

### Product Advantages

One component, factory mixed and controlled for consistent quality.

- Excellent workability.
- Rapid hardening.
- Non-shrinkage material.
- High-resistant to water.
- High bond strength ensures excellent adhesion.
- Increased freeze/thaw durability and resistance.
- Compatible modulus of elasticity to concrete generally used for building/facade construction.



**Package:** 20 Kg

**Consumption:** 20 m<sup>2</sup> per 1mm thickness per 20 kg bag ( Theoretical and based on surface condition )

### Surface Preparation

All surfaces should be clean, and uncontaminated prior to the application of **ARACO REP FFR**. All loose particles or de-molding agents shall be removed by mechanical means. The prepared area should be soaked with water immediately prior to the application. 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.

### Product Application & Mixing

Pre-soak the repair surface with clean water adding 6.5 – 7.5 liters of water mix for 3 minutes using a suitable mixer until lump free and smooth consistent paste consistency is achieved. Apply the paste of **ARACO REP FFR** using a clean steel trowel.

### Notes:

**ARACO REP FFR** can be applied easily by trowel.

Minimum thickness: - 1mm

Maximum thickness: - 3mm

## Curing

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

## Technical Data

### Flexural Strength

Average strength at 3 days	3 Mpa	ASTM C 78
Average strength at 7 days	4 Mpa	
Average strength at 28 days	6 Mpa	

### Compressive Strength

Average strength at 3 days	13 Mpa	ASTM C109
Average strength at 7 days	18 Mpa	
Average strength at 28 days	30 Mpa	

### Bond Strength

Average bond strength at 28 days	1.5 Mpa
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### Settig Time

Initial setting time	5 hours
Final Setting time	6 hours
Density Powder	2.09 g/cm <sup>3</sup>
Grain size	0 to 1 mm

## Product Data

Composition	Hydraulic binders, modified Synthetic based fibers, and polymers.
Appearance	Grey or White powder
VOC	19 g/kg
Storage condition	Store in a dry area between 5°C and 35°C. Protect from direct sunlight
Shelf Life	12 months minimum from production date if stored properly in original an opened packaging

## 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.

## More from ARACO

A wide range of construction chemical products is manufactured by ARACO which include:

- Premixed mortar
- Tile adhesives & Grout
- Concrete Repair
- Flooring systems
- Protective Coating
- Waterproofing
- Bonding Agents
- Concrete Admixtures
- Surface Treatments
- Grout & Anchors
- Sealants
- Sports Flooring