



ARACO REP NFT-FR

Non-Shrinkage Fiber Thixotropic Fine Repair Mortar

Product Description

ARACO REP NFT-FR is a single component special formulated repair mortar. It is composed of a blend of hydraulic cements, carefully selected and graded aggregates, fibers, synthetic based additives and special additives.

Once mixed with water, **ARACO REP NFT-FR** becomes a high consistent, smooth, fine, trowellable mortar. **ARACO REP NFT-FR** is a cosmetic and structural repair mortar for interior and exterior surfaces.

ARACO REP NFT-FR 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 NFT-FR can be used for:

- To produce a uniform surface for subsequent paint finish
- To Repair for brickwork, cement plaster and precast concrete.
- To Resurfacing deteriorated concrete.
- To Repair mortar to fill honeycombs.
- To Repair small defects on edges and joint sides.

Advantages

- Excellent workability.
- Non Toxic.
- Resistant to high sulphate water.
- Thixotropic material suitable for overhead and vertical application.
- Good mechanical strengths.
- High bond strength ensures excellent adhesion.
- Increased freeze/thaw durability and resistance.

Characteristics

Appearance	Grey powder
Grain Size	0 to 1 mm
Applicable Thickness	Up to 20 mm
Powder Density	2.1 g/mL
PH	12
VOC	7.5 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	25 Kg
CONSUMPTION	2 kg/m ² 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 25 kg bag of **ARACO REP NFT-FR**, add 5.0 -5.5 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 NFT-FR** using a clean steel trowel.

Curing

ARACO REP NFT-FR is a cementitious based material, it should be cured in a similar manner to concrete. Curing can be made by using a curing agent ARACO CURE W or by water.

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

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TECHNICAL DATA

Flexural Strength at 28 days		
Concrete	5.02 Mpa	ASTM C 78
Hydraulic cement mortars	10.01 Mpa	ASTM C348
Tensile Strength		
Average strength at day 1	0.5 Mpa	ASTM C1583
Average strength at day 7	0.62 Mpa	
Compressive Strength		
Average strength at 2 days	8.4 Mpa	ASTM C109
Average strength at 7 days	12.2 Mpa	
Average strength at 28 days	19.8 Mpa	
Bond strength of epoxy-resin system used with concrete by Slant Shear		
Average bond strength at 1 day	0.9Mpa	ASTM C882
Average bond strength at 7day	2.7Mpa	
Average bond strength at 28day	8.1Mpa	
Length Change of Hardened Hydraulic –Cement Mortar and concrete		
Increase in length at 28days	0.158%	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	0.19%	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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