

## ARACO TILE FIX PLUS

Cementitious Polymer- Modified Tile Adhesive

### Product Description

ARACO TILE FIX PLUS is a ready to use cementitious polymer- modified tile adhesive for bonding different types of ceramic tiles, porcelain, glass tiles, granite, marble, agglomerated marbles and resin tiles internally and externally on walls, floors and swimming pools.

meets the requirements for BS EN 12004- 12002 Class C2 T ES1. According to ISO 13007

### Applications

ARACO TILE FIX PLUS is can used for :

- Interior concrete surfaces /substrates.
- Exterior concrete surface /substrates.
- Light weight blocks.
- Cement based plaster and renders.
- External flooring applications.
- Polystyrene boardsto concrete and cementitious surfaces.
- Interior stone and brick walls.
- Gypsum Boards.

### Product Advantages

- One component
- High-water resistant.
- Over-heated floors tiling application.
- Tiling over tiles.
- Indoor and outdoor adhesive.
- High bond strength.
- Initial grip.
- Slip resistant.
- Bonding different types of tiles with different sizes.
- Non- Toxic

### Surface Preparation

Substrate must be clean and free of all foreign or contaminating materials such as oils, grease, silt and dust, loose aggregate or sand particles. Moisten the surfaces with a water spray bottle before applying, never moisten the tiles.



**Package:** 20 Kg

**Consumption:** 3 to 5 kg/m<sup>2</sup>

### Product Application & Mixing

Mix ARACO TILE FIX PLUS with 4 liters of clean cool water mix with an electric drill with low rotation speed (300rpm) for 3 minutes until a lump free homogeneous paste is obtained. Always mix the required quantity, which can be consumed. Spread the mixed mortar adhesive and firmly presented onto the surface to be failed within 10-15 min. Press the tiles firmly to ensure proper bonding with the adhesive. Allow the installed tiles to remain undesirable forat least 48 hours.

#### Notes:

ARACO TILE FIX PLUS can be applied easily by trowel.

### Curing

Condition	Minimum Curing time
Tile grouting	As per temperature
For walls	6 to 8 hours
For Floor	1 day
Walking traffic	7 days

## Technical Data

### Flexural Strength at 28 days

Concrete 5 Mpa

### Compressive Strength

Average strength at 28 days 16 Mpa

### Tensile Adhesion Strength

Standard conditions at 28 days 1.48 Mpa BS EN 1348

7 days standard conditions +21 days water immersion 1.19 Mpa BS EN 1348

14 days standard conditions +14 days @ 70°C 1.20 Mpa BS EN 1348

21 days water immersion +25 days freeze-thaw cycle 1.00 Mpa BS EN 1348

### Open time tensile adhesion test

5 minutes 1.42Mpa BS:EN 12004:2007

20 minutes 0.72Mpa BS:EN 12004:2007

### Shear Strength test @ standard conditions

Shear Strength at 7 days 1.45 Mpa

Shear Strength at 28 days 2.35 Mpa

Transverse Deformation of Cementitious adhesives & grout 3.20 mm BS EN 12002

Determination of Slip value 0.27 mm BS EN 1308

Density Powder 1.55 Kg/L ± 0.05

Pot life 2 hrs. at 20°C

Open time 25 minute at 20°C

Resistant to slip Excellent

## Product Data

Composition Selected aggregates, additives and synthetic resins.

Appearance Grey and White Powder

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 unopened 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