

## ARACO TILE FIX WP

### Single Component Waterproofing Tile Adhesive

#### Product Description

ARACO TILE FIX WP is a ready to use cementitious, non-shrink, thin bed tile adhesive for fixing medium to high absorbent tiles internally and externally on walls and floors.

ARACO TILE FIX WP is composed of hydraulic binders, selected aggregates and special additives. It is supplied as a dry powder bag that require the addition of clean water to produce a workable mix.

ARACO TILE FIX WP is applied in thickness from 3 mm to 8 mm, depending on the type of tile and the nature of the substrate.

ARACO TILE FIX WP meets the requirements for BS EN 12004 Class C1TS1.

#### Uses

ARACO TILE FIX WP is suitable to be use:

- For wall and floor applications
- For internal and external application
- For laying tiles over concrete, light weight blocks and cement based screed, mortar and plaster substrate.
- On drywalls such as gypsum and plaster boards (primer use is required).

#### Limitation

It is not recommended to use ARACO TILE FIX WP in the following cases:

- Large format tile
- Rubber, steel and PVC substrate
- Cases that required a rapid utilization for surfaces

#### Advantages

- Tile over Tile application
- Excellent workability.
- High slip resistance
- Extended open time
- High bond strength
- Excellent workability



**Package:** 20 Kg

**Consumption:** 3 to 7 kg/m<sup>2</sup>

#### Surface Preparation

Substrate must be clean and free of all foreign or contaminating materials that might impair the quality of bond such as oils, grease, silt and dust, loose aggregate, sand particles, curing compound.

Concrete, hollow blocks and cement based substrates must be sufficient cured and irrigated by water 1 hour prior the application. Surface should appear damp with no water pooling. Gypsum boards, plaster boards, anhydrite screeds must be sufficient dry and free from dust.

#### Mixing

To prepare the adhesive, pour into a bowl 4-5L of clean water. Add the powder to the water and mix them with an electric drill with low rotation speed (300rpm) for 3 minutes until a lump free homogeneous paste is obtained. Allow the mix to stand for 2-3 minutes, then remixed for an additional 1 minute.

## Application

Spread the mixed mortar adhesive and firmly pressed onto the surface to be tiled with a notched trowel on an area that can be tiled within 10–15 minutes.

Press the tiles firmly to ensure proper bonding with the adhesive. The position of the tile can be adjusted, if required, within 5–10 minutes. Allow the installed tiles to remain undisturbed for at least 48 hours. The tile adhesive must not rise higher in the tile joints not more than half of the tile's thickness. It is recommended to use ARACO GROUT for filling the joints after 2 days of tiles installation.

## Technical Data

### Tensile Adhesion Strength

In Standard Condition	1.46 N/mm <sup>2</sup>	BS EN 1346
After water Immersion	0.70 N/mm <sup>2</sup>	
After Freeze & Thaw Cycles	0.83 N/mm <sup>2</sup>	
After Heat Agent	0.67 N/mm <sup>2</sup>	

### Determination of Slip

Average Slip	0.55 N/mm <sup>2</sup>	BS EN 1308
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### Determination of Open time

At 5 min	1.73 N/mm <sup>2</sup>	BS EN 1346
At 10 min	1.33 N/mm <sup>2</sup>	
At 20 min	0.83 N/mm <sup>2</sup>	
At 30 min	0.76 N/mm <sup>2</sup>	

### Determination of Wetting Capacity

At 0 min	100%	BS EN 1347
At 10 min	100%	
At 20 min	88%	
At 30 min	43%	

### Transverse Deformation

Average Deformation	2.6 mm	BS EN 12002
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## Product Data

Appearance	Grey or White Powder
Wet Density	1.5 g/cm <sup>3</sup>
Pot Life	1 h @ 25°C
VOC	<10 g/ltr
Storage condition	Store in a dry area between 5°C and 35°C. Protect from direct sunlight
Shelf Life	Original sealed package has a shelf life of 6 months if stored properly

## 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