

Interior Cementitious Ceramic Adhesive with Extended Open time and Null Slip

Product Description

ARACO TILE FIX is a single component cementitious adhesive 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 is a non-shrink, thin bed tile adhesive suitable for fixing ceramic tiles internally on walls and floors. **ARACO TILE FIX** is applied in thickness from 3mm to 10mm, depending on the type of tile and the nature of the substrate.

ARACO TILE FIX meets the requirements for BS EN 12004 Class C1TE.

Uses

ARACO TILE FIX is suitable to be use:

- For Ceramic tiles internally
- For vertical and horizontal 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

Limitation

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

- External applications
- Large format tile
- Tile over tile application
- Rubber, steel and PVC substrate
- Cases that required a rapid utilization for surfaces

Advantages

- Economical
- Excellent workability.
- Slip resistance
- Extended open time
- Good bond strength
- Non- Toxic

Characteristics

Appearance	Powder
Color	White Or Grey
Wet Density	1.70 g/cm ³
Pot Life	1 h @ 25°C
VOC	<25 g/ltr
Storage Condition	Store in a dry shaded area at temperature between 5°C and 35°C
Shelf Life	Original sealed package has a shelf life of 6 months if stored properly



ARACO TILE FIX

PACKAGE	20 Kg
CONSUMPTION	3 to 7 kg/m ²

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.

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

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TECHNICAL DATA	Results	Standard
Tensile Adhesion Strength		
In Standard Condition	1.74 N/mm ²	BS EN 1346
After water Immersion	0.84 N/mm ²	
After Freeze & Thaw Cycles	0.80 N/mm ²	
After Heat Agent	0.57 N/mm ²	
Determination of Slip		
Average Slip	0.22 N/mm ²	BS EN 1308
Determination of Open time		
At 5 min	1.62 N/mm ²	BS EN 1346
At 10 min	1.48 N/mm ²	
At 20 min	0.94 N/mm ²	
At 30 min	0.65 N/mm ²	
Determination of Wetting Capacity		
At 0 min	100%	BS EN 1347
At 10 min	88%	
At 20 min	72%	
At 30 min	33%	
Transverse Deformation		
Average Deformation	2.64 mm	BS EN 12002

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