

## ARACO TILE MORTAR

### Polymer Modified Mortar

#### Product Description

ARACO TILE MORTAR is a polymer modified tile mortar specially formulated to provide a one- step installation for ceramic tile, mosaic tile, porcelain tile, marble, blocks and stones on interior and exterior floors.

#### Uses

ARACO TILE MORTAR can be used on the following substrate:

- Concrete
- Cement mortar bed
- Screed
- Hollow blocks
- lightweight blocks
- Cement plaster
- Brick mortar

#### Product Advantages

- Suitable for internal and external application
- Good bonding Strength
- Can be applied on dry and wet areas
- Easy to apply
- Good workability
- Suitable for floor heating system

#### Limitations

ARACO TILE MORTAR can't be used in the following cases:

- Tile over tile applications
- Gypsum, Rubber, PVC and Wood based substrate
- Continuously submerged conditions

#### Surface Preparation

Substrate must be clean and free from all foreign or contaminating materials such as oils, grease, curing compounds, dust, paints and loose aggregate or sand particles.

Before Applying ARACO TILE Mortar, any concrete and cement based substrates must be sufficiently cured and dimensionally stable.



**Package:** 50 kg

**Consumption:** 1.6kg/m<sup>2</sup>

#### Mixing

Mix ARACO TILE Mortar with 6.5 to 8.5 liters of clean water using an electric drill with low rotation speed (300 rpm) until a lump free homogeneous mixture is obtained. Allow the mixture to stand for 2-3 minutes before starting application. For additional adhesion strength, mix ARACO TILE Mortar with 5.5 Liter of clean water and 1.3 liters of ARACO LATEX.

#### Application

Apply a layer of ARACO TILE MORTAR onto the substrate using the flat edge of the trowel. Then, comb the tile mortar with a suitable notched trowel horizontally to achieve a thickness up to 10 mm. place the tiles with firm pressure to ensure a proper contact between the tile and the mortar.

#### Cleaning

All tools must be cleaned after finishing with a paper towel and then wipe by using a cleaning agent

## Technical Data

### Tensile Adhesion Strength

Initial bond @ 28 days	≥0.6 Mpa	
After Heat exposure	≥0.6 Mpa	
After water immersion	≥0.6 Mpa	ISO 13007-2.4.4
After freeze and thaw cycles	≥0.6 Mpa	

Adhesion on Concrete at 28 days	3.7Mpa	BS 1881
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## Product Data

Appearance	White, grey Powder
Grain size	0 to 4.0 mm
Wet Density	1.8±0.1
Pot Life	1.5 hr@25 °C
VOC	<5 g/ltr
Storage condition	Store in a dry shaded area at temperature between 5°C and 35°C.
Shelf Life	Original Sealed container has a shelf life of 12 months if stored in the right conditions

## 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

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