



# 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.

### Applications

**ARACO TILE MORTAR** can be used on the following substrate:

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

### Advantages

- Suitable for internal and external applications
- 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

### Characteristics

#### ARACO TILE MORTAR

Color	Grey and white
Consumption	About 1.6 kg/m <sup>2</sup> for 1 mm a thickness
Appearance	Powder
Package	50 kg bag
Wet density	1.8±0.1 g/m <sup>3</sup>
Grain size	0 to 4.0 mm
Pot life	1.5 hours @ 25°C
VOC	5 g/ltr
Storage Condition	Store in a dry area between 5°C and 40°C. Protect from direct sunlight
Shelf Life	6 months minimum from production date if stored properly in original unopened packaging.

### Technical Data

Test	Typical values	Standard
Adhesion on Concrete at 28 days	3.7Mpa	BS 1881
Tensile adhesion Strength		
Initial bond @ 28 days	≥0.6 Mpa	
After Heat exposure	≥0.6 Mpa	ISO 13007-2.4.4
After water immersion	≥0.6 Mpa	
After freeze and thaw cycles	≥0.6 Mpa	



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### 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.

### 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.

### 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.