

ARACO FLEX BOND

High Performance, Two-Component, Highly Flexible Cementitious Polymer- Modified Tile Adhesive

Product Description

ARACO FLEX BOND is a two-component, highly flexible, cementitious polymer-modified tile adhesive for bonding different types of ceramic tiles, porcelain, glass mosaic, granite, marble, agglomerated marbles, and resin tiles internally and externally on walls, floors and swimming pools. **ARACO FLEX BOND** meets the requirements for European EN 12004 as C2TES2.

Applications

ARACO FLEX BOND is recommended for fixing different types of tiles on walls and floors: -

- Permanent fixing of all types of ceramic tiles and stone
- Internally, externally and submerged
- Excellent for use with underfloor heating systems
- Bonding different types of ceramic tiles, porcelain, glass mosaic, granite, marble, agglomerated marbles and resin tiles
- Suitable for bathrooms, kitchens and wet areas
- Non sag, can be used for vertical walls
- Areas subjected to slight settlement

Product Advantages

- Extended open/wet time
- High water resistance
- High flexibility
- High slip and abrasion resistance
- High bond strength
- Non sag
- Excellent for use with heated floors
- Suitable for internal, external and submerged
- Superior bonding for tiles over tiles application

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. Substrate should dimensionally stable Allow time for shrinkage and structural strain movements. Tiles should not be placed over expansion or contraction joints



Package: 25 Kg

Consumption: 3 to 5 kg/m²

Product Application

Mix **ARACO FLEX BOND** is supplied in premeasured units. Mix the two components, powder and liquid, using slow speed drill at low rotation speed (300rpm). Mix for 3 minutes, until a lump free and homogeneous paste is obtained. Always mix only the quantity which can be consumed within pot life time.

Notes: **ARACO FLEX BOND** 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

Tensile Adhesion Strength at 28 days According to EN 12004-2 (N/mm²) as C2TES2

Initial adhesion strength (after 28 days) >1

Adhesion strength after heat ageing at 70°C >1

Adhesion strength after water immersion >1

Adhesion strength after freeze-thaw cycles >1

Mix Density 1.95 Kg/L ± 0.05

Pot Life 1 hrs. at 20°C

Vertical Slip <0.5 mm

Open time > 30minutes at 20°C

VOC 0 g/l

Layer Thickness 10 mm Max

Deformation of S2 (5.70 mm)
Cementitious adhesives

Resistance to alkalis Excellent

Resistance to oils Excellent

Product Data

Composition Selected aggregates, cement, special fillers, polymers and admixtures

Appearance Powder + Liquid

Color Grey and White

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