

ARACO Bond AR

Acrylic bonding and curing agent for cement mixes and concrete repair

Product Description

ARACO Bond AR is a one component modified acrylic liquid polymer specially formulated for use as a bonding agent, admixture for cement-based mixes and curing aid for cementitious concrete repair systems.

Applications

As a priming bonding agent

Bond new concrete to old & thin modified screeds or toppings to concrete substrate.

As an admixture

Floor screeds, tile adhesive, thrown coat render, base coat render, concrete repair and floor patching.

As a curing aid

Reduces the forming of early age cracking in patch repairs.

Product Advantages

- One component, easy to use.
- Improves waterproofing, durability, flexibility, and reduces shrinkage.
- High bond strength provides excellent adhesion
- Used as a curing agent eliminating the need for water curing.
- Suitable for internal, external and submerged applications.
- Improves all physical characteristics of cement-based mixes.

Composition

ARACO Bond AR is modified acrylic liquid polymer

Coverage

As a Priming Bonding agent: 5 – 8 m²/liter (diluted 1:1).

Curing Aid : 4 – 6 m²/liter (diluted 1:4).

Note

Coverage rate takes no account of wastage and may vary according to the type of surface involved.



Package: ARACO BOND AR is available in 5, 20 and 100 liters packs.

Surface Preparation

All surfaces must be sound, clean, dry and free of any material which may impair adhesion.

Surface laitance should be removed using suitable mechanical method. including high pressure water jetting, grit blasting or grinding. Surface should be roughened and openpored. High suction substrates should be evenly dampened with clean water. Remove any excess water at the time of application.

Product Application

Priming Bonding coat

Porous substrates should be sealed using 1 part **ARACO BOND AR** diluted with 4 parts of water.

Brush it well into the prepared substrate making sure to fill all pores and voids. Leave it to dry. Apply bonding coat of 1 part **ARACO BOND AR** diluted with 1 part of water. Make sure to apply the following layer of mortar whilst the applied bonding coat is still tacky.

Curing aid:

ARACO Bond AR can be used as a curing aid over cementitious repair mortars to prevent rapid evaporation of water.

Curing

All cementitious surfaces must be effectively cured. The use of polyethylene sheet laid over the surface supported by battens to prevent marking the surface is recommended. Tape down the edges to prevent air movement under the sheeting. Keep in place for a minimum of 3 days

Important Notes

- Do not use when ambient temperature is less than 5°C.
- In general, **ARACO Bond AR** should be added and mixed with the clean water prior to dry materials for better dispersion.
- Mix mechanically in a suitable batch mixer.
- A slow speed drill fitted with suitable mixing paddle can also be used.
- Hand mixing is only allowed if the total weight of the mix is not more than 25 kg.
- Always use fresh & cool cement. Keep mixing time to the minimum.
- The correct consistency may appear to be too dry. However, it can be compacted and trowelled easily. Do not use excessive water. Do not over trowel.

Cleaning

Clean tools with water immediately after use.

Technical Data

Appearance	White liquid
Density	1.04 kg/litre
Bond strength	2.5 MPa @ 7 days

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