

ARACO PVA EXTRA

PVA multi-purpose bonding agent & mortar admixture

Product Description

ARACO PVA EXTRA is a PVA-based liquid polymer. It is specially formulated for use as a multipurpose bonding agent, primer, sealer and admixture for cement-based mixes.

Applications

ARACO PVA EXTRA is ideally designed for use in the following applications:

- As an admixture for thrown coat and base coat renders.
- As an admixture for floor screeds and floor patching mortars.
- As an admixture for tile adhesive mortars.
- As a primer and sealer on common porous substrates such as plaster, block and concrete for the subsequent application of coating.
- As a primer & bonding agent for gypsum mixes for difficult substrates or situations requiring additional adhesion

Product Advantages

- Improves durability and reduces drying shrinkage cracks.
- Enhances adhesion and other physical mortar properties.
- Bonds to many types of construction materials.
- Cost effective

Composition

ARACO PVA EXTRA is composed of aqueous polyvinyl acetate polymer with sticky and viscous appearance.

Coverage

Bonding agent: 16 m²/liter (diluted 1:1).

Sealer coat : 25 m²/liter (diluted 1:4).

Admixture : 10 – 15 liters/50 kg cement.

Note

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



Package: ARACO PVA EXTRA 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

Bonding coat

Porous substrates should be sealed using 1 part ARACO PVA EXTRA 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 PVA EXTRA diluted with 1 part of water. Make sure to apply the following layer of mortar whilst the applied bonding coat is still tacky.

Mortar & render admixture

Thrown coat render (key coat)

ARACO PVA EXTRA can be diluted between 1:1 and 1:3 with water.

The proposed mix design is 400 – 450 kg cement + 1 m³ of sand.

The dry components should be mixed together. Add enough diluted **ARACO PVA EXTRA** till a thick slurry consistency is obtained.

Apply it manually onto the prepared surface ensuring that the final surface is rough enough to bond the following cement-based plaster

Base coat render

ARACO PVA EXTRA can be diluted between 1:2 and 1:4 with water.

The proposed mix design is 250 – 300 kg cement + 1 m³ of sand.

The dry components should be mixed together.

Add enough diluted **ARACO PVA EXTRA** till a mortar consistency is obtained.

Apply it manually onto the thrown coat render.

Compact it well to ensure maximum contact with the substrate.

Finish it with trowel till you get a smooth finish.

Do not over trowel.

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

- **ARACO PVA EXTRA** is compatible with all types of OPC, SRC Type II and V and gypsum.
- **ARACO PVA EXTRA** is not suitable where dampening condition is likely to occur.
- Using **ARACO PVA EXTRA** will reduce the amount of water needed to achieve a given workability.
- Do not use when ambient temperature is less than 5°C.
- In general, **ARACO PVA EXTRA** 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 Milky
Density	1.08 kg/litre

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