

Description

RoKbond PVA is a single component, surface applied and integral bonding agent, designed to improve the adhesion and mechanical strength of cement based mortars. RoKbond PVA can also be used as a surface sealer to reduce dusting and as a primer for many decorative internal coatings.

Typical Applications

- Priming and sealing of low cohesive strength/dusty surfaces
- Bonding primer for repair mortars, screeds and plaster
- Adhesive admixture
- Increased performance plaster and screed mixes

Features

- Reduces shrinkage
- Increased bond strength
- Improved screed and plaster performance
- Easy to apply as a primer
- Easily dispersed as an admixture

Packaging

- 20 litre Jerry can
- 200 litre drums
- 1,000 litre IBC's

Method of Application

1 SURFACE PREPARATION

- When used as a bonding primer all surfaces should be clean, sound and adequately prepared.
- Horizontal concrete surfaces should be mechanically prepared to remove the surface laitance and any curing membranes.

2 SURFACE SEALING

- On horizontal or vertical friable or dusty surfaces, prior to applying RoKbond PVA bonding primer, or on vertical surfaces prior to applying decorative paint coatings, dilute the RoKbond PVA 3:1 with clean potable water. Apply at 2-5m² per litre of mixed material. The coverage is very dependent on substrate porosity and texture. Apply by low pressure spray, roller or brush. Excessively porous surfaces may require a second coat.

3 PRIMING

- When used as a bonding primer on horizontal or vertical surfaces prior to the application of subsequent RoKbond PVA modified mortars, dilute the RoKbond PVA 1:1 with clean potable water. Apply at 5-10m² per litre dependent on substrate porosity and texture. Apply by roller or brush.

4 BONDING CEMENT RENDERING, PLASTER, REPAIR MORTARS, SCREEDS AND NEW TO OLD CONCRETE

- Seal and prime the surfaces as in 2 and 3 and apply the mortars to the tacky primer.

Mix designs

1 IMPROVED MORTAR SCREED

- Mix 1 part OPC to 3 parts coarse sand mixed to a semi dry screed consistency with gauging water mixed 1 part RoKbond PVA to 3 parts water.

2 REPAIR AND PROFILING MORTAR FOR FLOORS AND WALLS

- Mix 1 part OPC to 1 part sand mixed to a semi wet screed consistency with gauging water mixed 1 part RoKbond PVA to 2 parts water.

3 RENDERING PLASTER

- Mix 1 part OPC to 3 parts fine rendering sand to a wet plastering consistency with gauging water mixed 1 part RoKbond PVA to 4 parts water.

4 ADHESIVE FOR PLASTERBOARD OR POLYSTYRENE TILES

- Mix 1 part OPC to 1 part fine sand to a paste consistency with gauging water mixed 1 part RoKbond PVA to 1 part water.

Note: Do not use RoKbond PVA in permanently damp environments. Do not mix RoKbond PVA with other cement admixtures. The designs and methods mentioned here are only examples of the product versatility. Contact our technical department for specific advice.

TECHNICAL DATA

Appearance	White viscous liquid
pH	5-6
Chloride Content	Nil
Solid Content, %	30 +/-2

RoKbond PVA

PVA POLYMER ADMIXTURE AND BONDING AGENT



Storage

When stored in dry conditions out of sunlight in original unopened packaging this product has a shelf life of 12 months. Storage above 35°C will reduce shelf life and product performance.

Health and safety Precautions

This product is a water based emulsion of non-hazardous polymer. It is not flammable and essentially no-toxic. As with all chemicals, work cleanly at all time. Skin and eye contact should be prevented by the use of plastic or rubber gloves, eye protection, barrier creams and protective clothing. Any chemical in contact with the skin should be removed with warm soapy water or a resin removing cream. NOT solvent. In case of eye contact rinse thoroughly with water and in the case of accidental ingestion, obtain immediate medical attention. Provide good work area ventilation. See MSDS for further information.

Pidilite MEA Chemicals L.L.C offers a wide range of structural protection and waterproofing systems:



WATERPROOFING



CONCRETE & STRUCTURAL REPAIR



CRACKFILL & SEALANTS



BONDING AGENTS



SURFACE PLASTERS



GROUTS & ANCHORS



MORTARS



MARBLE & STONE PROTECTION



PERFORMANCE FLOORING



UNDERLAYMENTS



SPECIALITY CONSTRUCTION PRODUCTS



TILE ADHESIVES & GROUTS



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