



RAND
POLYPRODUCTS PVT. LTD.

EPOPRIME

AQUASEAL WATER-TIGHT PRIMER



PRODUCT DESCRIPTION -

EpoPrime Aquaseal is a 2-component, epoxy-based primer and moisture-barrier, with a unique formulation that makes it an excellent primer for all kinds of construction needs.

Aquaseal provides a water-tight film that exhibits excellent water-permeability as well as excellent breathability; which ensures effective removal of any moisture from the substrate that needs to be primed. This in-turn ensures prevention of any blister formation on the top-coat.

Aquaseal can be used as a primer for both Epoxy and Polyurethane based floor overlay formulations.

RRCOMMENDED USES/APPLICATIONS -

As a water-tight primer for -

Newly constructed substrates

Water-proofing applications of masonry substrates

Coating of internal water storage tanks

Creating a moisture-barrier for poorly constructed/damaged masonry substrates



Product Attributes

Joint free Sealing

Excellent Penetration

Excellent Breathability

Total Moisture-Barrier

Low VOC

Excellent Adhesion

Multi-utility

PHYSICAL PARAMETERS -

Component A	-	Viscosity at 25 Deg. C - 350 to 650 cps Specific Gravity - 1.10 to 1.20
Component B	-	Viscosity at 25 Deg C - 2000 to 4000 cps Specific Gravity - 1.00 to 1.10
Mixing Ratio	-	100:50 by weight (Comp. A: Comp. B)

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Mixed System	-	Mix Viscosity at 25 Deg C - 600 to 1400 cps Mix Specific Gravity - 1.25 to 1.35 % Solids, by wt. - 88.0 to 90.0
Coverage	-	6 - 8 Sqm/kg per coat



APPLICATION SPECS -

Surface Dry time	-	240 mins
Touch Dry time	-	480 mins
Hard Dry time	-	24 hours
Film Hardness	-	Shore D 70
Film Thickness	-	100 - 200 microns
Std. Packs	-	Component A - 1kg, 4kg, 20kg Component B - 0.5 kg, 2kg, 10kg
Shelf life	-	12 months in sealed container

APPLICATION INSTRUCTIONS

Surface Preparation

- Surface should be free of dust and loose particles. It should be thoroughly abraded by a wire brush and loose particles should be removed by washing or air blown.
- The surface should be free of any oil or grease.
- Aquaseal can be applied on a slightly damp or moist surface, with a moisture level upto 8%.

Application Method

- The Resin and Hardener components are stirred well together, to form a uniform mixture.
- The resulting liquid is spread evenly on the substrate using a flat-trowel, to ensure effective spreading and penetration into the substrate.
- Fine sand is broadcast over the coated film to give the film body, based on the end-application.
- Refer product application instructions, based on end-use/ top-coat to be applied.

NOTE -

The Resin + Hardener mixture must be used for application on the intended surface inside of the stated Pot Life (note that there is no significant increase in the viscosity of the mixture)

Pot Life is inversely proportional to ambient temperatures i.e. in warmer/hotter environments, the usable Pot Life will be shorter

APPLICATION TOOLS -



Trowel : Flat, knife putty - Recommended



Roller : Soft roller (non-foam type)



Brush : Std. Paint Brush

HANDLING PRECAUTIONS -

- Standard Health and Safety precautions should be followed when handling these products
- Handle in a well-ventilated area and use appropriate Personal Protective Equipment (PPE) such as Hand-gloves, Eye-glasses and protective clothing such as lab coats
- For detailed information, please refer to the Material Safety Data Sheets (MSDS)

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