

## PU GUARD BITUMEN BASED

POLYURETHANE MODIFIED BITUMEN BASED EMULSION.

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### Description

**PU GUARD** is high performance bitumen based coating. **PU GUARD** has good resistance to weather. **PU GUARD** has excellent flexibility, breathing properties, water resistance, crack bridging properties, weathering durability.

### Technical Information

Properties	Results
Appearance	Viscous emulsion dries to black coating
pH	Alkaline (>9)
Specific Gravity	1.2 ± 0.01
Elongation %	>700
Temperature Resistant	-10°C to +65°C
Solid Content	68%
Viscosity @20° C	2500 CPS
Coverage	Approximately 1Kg/M <sup>2</sup> Depending Upon Surface Area
Shelf Life	One year in original unopened sealed condition.

### Areas of Application

- ✓ Roof / Terrace / Bathroom and Toilet.
- ✓ Podium.
- ✓ Car Parking / Swimming Pool.



## Features & Benefits

- ✓ Non-toxic.
- ✓ Flexible at wider temperature range.
- ✓ Can be applied in moist roof also.
- ✓ Excellent water vapor barriers
- ✓ Good compatibility with tile.

## Method of Application

- ✓ Remove dust, flakes, or other foreign particles by jet or dry air and clean the surface mechanically or by grinding to make it smooth before application.
- ✓ Prime the surface with the mixture of PU Guard and water in 50:50 ratio and apply.
- ✓ Allow it to dry completely. Slightly damp surface will help coating.
- ✓ Apply PU Guard by brush or roller on primed surface as first coat. Apply first coat with dilution 10% - 15% with water.
- ✓ Provide fibre mesh to increase the tensile strength of the system
- ✓ Apply second coat with dilution 10% - 15% with water.

## Health and Safety

- ✓ Use mask, nose cover and hand gloves during application.
- ✓ Clean hands with soap water after application.

## Packaging

Available in 20kg pack.

## Storage

Store in a cool dry place under shed away from heat.