

PU GUARD BITUMEN BASED

POLYURETHANE MODIFIED BITUMEN BASED EMULSION.

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 ² 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.