



**ULTRA BOND PU WATER PROOF EX 4000
SINGLE COMPONENT POLYURETHANE
WATERPROOF COATING**



DESCRIPTION

Ultra bond pu water proof EX 4000 is a single component, liquid applied, elastomeric polyurethane coating for waterproofing of concrete surfaces. Ultrabond EX 4000 provides excellent resistance to moisture, water, and salts penetration into concrete and masonry surfaces. Ultra bond EX 4000 exhibits high elasticity, excellent bond and forms a film of exceptional strength and flexibility that prevents peeling, fungi/algae growth, future cracks and water seepage. The cured membrane has good crack bridging properties.

USAGE AREAS

Waterproofing & Protection of

- Exterior RCC surface.
- Masonry walls.
- Asbestos roofs.
- Sloping roofs.

FEATURES & BENEFITS

- Liquid applied membrane, can be applied with roller or brush
- Non-toxic, Provides a seamless coating.
- Flexible, has crack bridging ability.
- High bond strength to a variety of substrates and building materials
- Resistant to chemicals.
- Excellent resistance to humidity and temperature.
- Very high tensile strength.
- UV stable.

SUBSTRATES

- All types of exterior masonry surfaces, concrete, cement sand renderings, existing coating etc.
- Can be applied on cement sheets.
- Roof terraces, Balconies.

TECHNICAL SPECIFICATION

No	Properties	Result
1	Solid Content	60±2
2	Viscosity	10000-15000 Cps
3	pH	8-9
4	Specific Gravity	1.35-1.37
5	Elongation	>300 %
6	Tensile Strength	2 Nmm ²
7	SRI Value	>80
8	Drying Time	4-6 Hrs
9	Recoating Period	ideally 24 hours (minimum 6 hours)

Note: Test results are indicative as per test method specified in standard. Test result may vary as per substrate, site condition & testing machine etc. Actual field performance will depend on installation method and site condition.

SURFACE PREPARATION

The surface to be treated must be dry, clean, structurally sound, and free from oil, grease, wax, polish, laitance, dust and other barrier materials. All holes and cracks must be filled with a suitable filler material.

PRIMING

Prime the surface with EX 4000 diluted with potable water by volume in 2:1 ratio (2 parts EX 4000 and 1 part water) and allow to dry for at least 3-4 hrs. prior to next coat.

WATERPROOF COATING

The entire contents of the EX 4000 should be stirred well before starting the application. Do not dilute the content with water or other products. Using a roller or brush, apply a coat of EX 4000 on the prepared primed substrate and allow the layer to completely dry. Apply the second coat of EX 4000 perpendicular to the direction of application of first layer. EX 4000 is not suitable for areas of prolonged water ponding. Ensure the roof has a proper slope and drainage.

PACKAGING

10 Litre, 20 Litre.

COVERAGE

Coverage depends upon the nature of the surface to be applied. But on average, smooth surface will give approx. 200-250 Sq.feet/20 Ltr in two coats.

* Coverage may vary depending upon the texture and porosity of the surface.

HEALTH & SAFETY

Avoid contact with eyes or prolonged contact with skin. It is recommended to use rubber hand gloves & safety goggles. In case of contact with eyes or skin, rinse immediately with plenty of clean water and seek medical advice. Keep out of reach of children.

SHELF LIFE & STORAGE

Shelf life is 12 months from the date of manufacturing in unopened conditions. To be stored in original and unopened packaging in a cool and dry place away from direct sunlight.

PRECAUTIONS & LIMITATIONS

Do not apply in direct sunlight or during rains or expected rain. Stir well before use.

For detailed material safety data sheet please contact the manufacturer

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