

## PROXON PRIME PU 100

**PROXON PRIME PU 100** is a single-component, modified polyurethane sealer primer for porous and non-porous substrates, forming a flexible transparent film.



### What

**PROXON PRIME PU 100** is a single-component, modified polyurethane sealer primer for porous and non-porous substrates. It stabilizes surfaces and forms a flexible transparent film, curing through atmospheric moisture reaction before waterproofing or flooring applications.

### Why?

- Easy application
- Dust proof
- Anti-algal, anti-fungal
- Pedestrian traffic suitable
- Low odor
- Excellent adhesion

### Usage

**PROXON PRIME PU 100** is a universal primer for polyurethane waterproofing, joint sealants, and various surfaces like concrete roofs, masonry, asphalt, asbestos, power-floated concrete & old acrylic coatings. Suitable for absorbent and non-absorbent surfaces.

### How to use?

- Clean, dry substrate
- Remove contaminants, dirt
- Level undulations, irregularities
- Fill blow holes
- Apply with brush
- Clean tools immediately

# PROXON PRIME PU 100

## About

### Surface Preparation:

Ensure substrate is clean, dry, and free from contaminants. Concrete must be 28 days old with moisture content under 5%. Surface strength should be 15N/mm<sup>2</sup> compressive and 1.5N/mm<sup>2</sup> bond strength. Remove dirt, oils, and old coatings by grinding. Level undulations and smoothen with air blower. Do not wash the surface before base primer application. Fill blow holes with repair putty and treat cracks with Polyurethane or Acrylic sealants.

### Mixing & Application:

Use a slow-speed stirrer for a homogeneous mix.

Apply with a brush, roller, or spray. Recommended application at 0.250L/m<sup>2</sup>; two coats in critical areas.

### Cleaning:

Clean tools immediately with Solvent-100.

## Packing

5, 10 & 20 L Packs.

## Storage

Store **PROXON PRIME PU 100** in cool, dry shade. Avoid heat, sunlight, humidity. Use within 12 months for best performance.

## Health & Safety

Wear gloves, goggles, long sleeves, safety shoes, and a face mask for safety. Reseal containers after use. Rinse skin or eyes with water if contact occurs. If swallowed, seek medical help immediately. Refer to the MSDS for details.

## Physical Properties

Composition	Single component low viscous form
Viscosity (Brookfield)	1500 to 2000
Colour	Milky white
Finish form	Clear firm
Adhesion to substrate (ASTM D 4541)	>1.5 N/mm <sup>2</sup>
Water vapor transmission (ASTM E96)	19 g/Sq. m / Day
Shore A Hardness (ASTM D 2240)	>90
Pot life (after mixing)	30 to 45 min @24°C
Application temperature	5°C to 50°C with RH <60%
Touch dry/rain stability	6 Hrs @25°C
Recoatible	8 - 10 Hrs @25°C

Single component Polyurethane sealer / primer

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# **PROXON PRIME PU 100**

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