

## Urethane Primer

**DESCRIPTION**

TamSeal PU Primer is a single-component quick drying solvent-based primer for priming substrates and joints before application of Joint sealant and Polyurethane waterproofing this need to be apply. It is suitable for use over horizontal and vertical surfaces.

**KEY BENEFITS**

- > Ultra-low viscosity  $\leq 5$  mPa-s
- > User Friendly
- > Low VOCs and single component type easy to use
- > Solvent based allows for quick drying
- > Improved adhesion to many substrates requiring primer
- > Act as per sealing agent for small cracks

**TYPICAL APPLICATIONS**

- > Excellent primer for Polyurethane based waterproofing materials
- > Excellent adhesion to Concrete (RCC/ PCC) any grade
- > Can be used as a general-purpose primer for all PU products

**TECHNICAL DATA**

TamSeal PU Primer		
Test	Specified Limit	Test Method
Isocyanate Group Content	4.5 %	KS F 3888-2:2014 (25 ± 2)°C, (35 ± 10) 10% R.H.
Specific Gravity	0.96 ± 0.02	
Non Volatile Matter	40.5%	
Viscosity @ 23°C	53.5 CPs	
All above test completed at 25°C.		

All technical data stated herein is based on tests carried out under laboratory conditions.

**APPLICATION GUIDELINES****Surface Preparation:**

TamSeal PU Primer must be apply to get maximum bonding strength and long term durability, requested sound, clean and dry substrate before application.

- > Previously Painted surface, old coatings should be inspected for lifting or de-bonding. If lifting or de-bonding occurs the remove the coating. Otherwise, scuff sand glossy areas and aged epoxy coatings.
- > Concrete surface must be fully cured and free of laitance, moisture or from oils.
- > Masonry surfaces must be sound, clean, dry and free from paint, grease, oil, dirt, foreign matters and loose traces of concrete.
- > All surface preparation must have strength minimum 1.5N/mm<sup>2</sup>.

**Application:**

- > TamSeal PU Primer – supplied in single part packing for easy application.
- > Apply TamSeal PU Primer to the cleaned surface by brush. Always apply a very thin layer. Avoid use of too much primer.
- > Allow primer to dry at least for 20 minutes. It's better to allow it to cure fully for 8Hrs before application of PU waterproofing membrane. Dry time may vary depending upon the atmospheric temperature and humidity.
- > It's recommended to apply waterproofing membrane on same day.

**Consumption:**

It's varies in between 0.2Kg – 0.4Kg/m<sup>2</sup> depending upon the condition of substrate.

**PACKAGING**

TamSeal PU Primer is available in different packaging's. Usually it's available in pack size of 16Kg. Pack size may vary subject to local regulations and requirements.

**STORAGE**

TamSeal PU Primer should be stored at room temperature (min 10°C and max 40°C), kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of 1 year can be expected.

**HEALTH & SAFETY**

TamSeal PU Primer should only be used as directed. We always recommend that the Safety data sheet is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Safety data sheet is available upon request from your local Normet representative.