

ShaliPrime[®] PUM

Aromatic Polyurethane Primer



STP Limited

Description

ShaliPrime[®] PUM (formerly known as ShaliPrime Penetration / ShaliPrime S) is single component polyurethane resin based low viscous highly penetrative primer.

Characteristics

Working Life @ 30 °C, hrs	6 - 7	Surface Dry, @ 30 °C, minutes	35 – 45
Recoating Time, hrs	2	Theoretical Coverage*, m ² / L / coat	4 - 5
DFT in microns	40 - 50		

* Depending upon surface condition.

Application

- Concrete / metal surfaces.

Advantages

- Better adhesion and flexibility.
- Chemical resistance.
- Improved performance over manually prepared concrete surfaces.

Application Methodology

➤ Surface Preparation

- Prepare the surface by mechanical grinding or other suitable method.
- Remove dust, flakes, oil, grease or other loose foreign particles by sand blasting, iron brush or compressed air. Remove old painting using surface grinder.
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- For best bond, concrete surface must be slightly textured.
- Allow it to dry before priming.
- Ensure that concrete must be cured at least 28 days and moisture content is below 5%.

➤ Material Preparation

- Stir **ShaliPrime[®] PUM** thoroughly by using speed drill mixer with a spiral type blade at the bottom of stirrer rod. The speed may be 450 – 600 rpm till homogeneous mix is obtained.
- After stirring, wait for the product to settle in order to let entrapped air escape.

➤ Application of Material

- Apply **ShaliPrime[®] PUM** by brush / airless spray on cleaned surface.
- Once opened, drum should be used completely.

Health & Safety

- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapour.
- Wear suitable protective clothing, gloves and eye protection.
- In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of eye contact, wash with plenty of clean water and seek medical advice.
- If swallowed, seek medical attention immediately. Do not induce vomiting.

Packing

Available in 1 L and 20 L container.

Storage

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

Shelf Life

6 months in original unopened sealed condition.



STP Limited
Enhancing Structures' Life

Product Range

- Waterproofing & Insulation ■ Road Surfacing
- Sealants & Adhesives ■ Pipeline Coatings
- Protective/Anti-Corrosion Coatings ■ Epoxy and Flooring
- Grouts and Admixtures (GARA)
- RestoFix - Repair/Rehabilitation ■ Other Construction Chemicals



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