

ShaliPrime[®] Penetration



Single Component Aromatic Polyurethane Primer

STP Limited

Description

ShaliPrime[®] Penetration is single component polyurethane resin based low viscous highly penetrative primer.

Characteristics

Pot Life @ 30 °C, Hrs	4 - 5	Surface Dry, @ 30 °C	35 – 45 minute
Recoating Time, hrs	24 Max	Theoretical Coverage, m ² /L/coat *	8 - 10
DFT in microns	15 - 20		

* 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[®] Penetration2E** 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[®] Penetration** by brush / airless spray on cleaned surface.
- Once opened, drum should be used completely.

Health & Safety

- The product should not come in contact with the skin and eyes, or be swallowed.
- Ensure adequate ventilation and avoid inhalation of vapours as some people are sensitive to resins, hardeners and solvents.
- Wear suitable protective clothing, gloves and eye protection.
- In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent to clean the contacted area.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately - **do not** induce vomiting.

Packing

Available in 20 L container.

Storage

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

Shelf Life

6 months in original unopened sealed condition.



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