Description

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

Characteristics

<table>
<thead>
<tr>
<th>Working Life @ 30 °C, hrs</th>
<th>6 - 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Dry, @ 30 °C, minutes</td>
<td>35 – 45</td>
</tr>
<tr>
<td>Recoating Time, hrs</td>
<td>2</td>
</tr>
<tr>
<td>DFT in microns</td>
<td>40 - 50</td>
</tr>
<tr>
<td>Theoretical Coverage*, m²/L/coat</td>
<td>4 - 5</td>
</tr>
</tbody>
</table>

* 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.
  - Remove old painting using surface grinder.
  - 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.