ShaliPrime® BTD
Polyurethane Acrylic Hybrid Water Based Primer

Description
ShaliPrime® BTD is a PU Acrylic hybrid water-based primer to provide better adhesion for water based liquid membrane / coating.

ShaliPrime® BTD has good alkali resistance properties.

Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>White</td>
</tr>
<tr>
<td>Dry Film Thickness*</td>
<td>175 ± 25</td>
</tr>
<tr>
<td>Drying Time, hrs</td>
<td>2</td>
</tr>
<tr>
<td>Solid content, %</td>
<td>40 - 42</td>
</tr>
<tr>
<td>Theoretical coverage*, grm / m²</td>
<td>400</td>
</tr>
<tr>
<td>Specific Gravity @ 30 °C</td>
<td>1.18 ± 0.02</td>
</tr>
<tr>
<td>Adhesion to Concrete, MPa</td>
<td>1</td>
</tr>
<tr>
<td>Elongation @ break, %</td>
<td>150 – 200</td>
</tr>
<tr>
<td>Resistant to</td>
<td>Alkalis</td>
</tr>
<tr>
<td>Application temperature, °C</td>
<td>5 - 50</td>
</tr>
</tbody>
</table>

* Depending upon surface condition.

Application
As a primer for water-based PU / Acrylic based liquid membrane / coating.

Advantages
- Easy to apply.
- Good hiding property.
- Fast Drying.
- Eco Friendly.

Application Methodology

➢ Surface Preparation
- Remove all loose gravel, dirt, oil, grease and foreign matter by jet of dry air and clean the surface mechanically or by grinding to make it smooth before application.
- For previously painted surface, ensure all peeled off or flaked paint is removed.
- Dust down the entire surface.

➢ Material Preparation
- Stir ShaliPrime® BTD by a slow speed mixture before use.

➢ Application of Material
- Apply uniform coat of ShaliPrime® BTD with brush, roller or by spraying as per coverage.
- Allow it to touch dry and then apply ShaliUrethane BTD.
- Do not apply ShaliPrime® BTD when humidity is over 95 % or when the ambient temperature is below 5 °C.

Health & Safety
- Avoid contact with skin / eyes and avoid swallowing.
- Ensure adequate ventilation and avoid inhalation of vapor.
- 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, wash immediately with plenty of clean water and seek medical advice.
- If swallowed seek medical attention immediately. Do not induce vomiting.
- Dispose empty container as per local rules.

**Packing**
Available in 20 Kg drums.

**Storage**
Keep in cool and dry place, in air tight containers, under shed, away from heat.

**Shelf Life**
12 months in unopened air tight condition.