ShaliPrime® Etch
2K Etch Primer

Description
ShaliPrime® Etch is two component Zinc Tetroxy Chromate based low viscous etch primer. ShaliPrime® Etch prepares the surface for good bonding to the galvanized sheets, besides priming the metal surface on which it is applied. It conforms to IS:5666.

Characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pot Life, @ 30 °C, hrs</td>
<td>4 - 5</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.20 ± 0.05</td>
</tr>
<tr>
<td>DFT in microns</td>
<td>8 - 12</td>
</tr>
<tr>
<td>Surface Dry, @ 30 °C, minutes</td>
<td>25 – 45</td>
</tr>
<tr>
<td>Theoretical Coverage, m² / L / coat *</td>
<td>8 - 10</td>
</tr>
<tr>
<td>Volume solid, %</td>
<td>9 - 10</td>
</tr>
</tbody>
</table>

* Depending upon surface condition.

Application
- Galvanized / metal sheet.

Advantages
- Better adhesion and flexibility.
- Etches the metal 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.

➢ Material Preparation
  - Mix component A thoroughly by using speed drill mixer with a spiral type blade at the bottom of stirrer rod. The speed may be 300 - 400 rpm till homogeneous mix is obtained.
  - After stirring, wait for 5 minutes to ensure escape of entrapped air.
  - Then add component B slowly, ensuring complete dispersion.

➢ Application of Material
  - Apply ShaliPrime Etch on the prepared surface by brush / roller / conventional spray.
  - Allow it to dry.

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.

Packing
Available in 5 L container.
**Storage**

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

**Shelf Life**

6 months in original unopened sealed condition.