Zinc Chromate –Iron Oxide Epoxy Polyamide Primer

**Description & Recommended Use**

It is a two component coating base on epoxy resin and includes zinc chromate as anti-corrosive pigment so this is one of the best anti-corrosive product which is recommended in the severe atmosphere condition. It has very good adhesion to and used foe steel structure, machineries, pipes, tanks, bridges, power plants and industrial environments.

**Surface Preparation**

- The surface should be free from any rust, moisture, mill scale, oil and grease
- Mechanical and chemical surface preparation methods should be performed depending on the type of contamination, the coating system environmental condition and service life.
- Apply the paint immediately followed by surface preparation

<table>
<thead>
<tr>
<th><strong>Data Sheet / Technical Data at 25 °C</strong></th>
<th><strong>Technical Application Details at 25 °C</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Binder</strong> epoxy – polyamide</td>
<td>Curing mechanism Chemical reaction &amp; solvent release</td>
</tr>
<tr>
<td><strong>Components</strong> Two</td>
<td>Mixing ratio (by weight) (A/B) 80/20</td>
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<tr>
<td><strong>Color</strong> Red</td>
<td>Mixing ratio (by volume) (A/B)</td>
</tr>
<tr>
<td><strong>Finish</strong> matt</td>
<td>Pot life Max 8 hr</td>
</tr>
<tr>
<td><strong>Density (gr/cm3) (A+B)</strong> 1.45± 0.1</td>
<td>Thinner 239</td>
</tr>
<tr>
<td><strong>Solid Contents(by weight) (A+B)</strong> 71%±2%</td>
<td>Dry to touch 2 hr</td>
</tr>
<tr>
<td><strong>Solid Contents(by volume) (A+B) 50%±3%</strong></td>
<td>Dry to handle 4 hr</td>
</tr>
<tr>
<td><strong>Dry film thickness(μ)</strong> 50±5</td>
<td>Fully cured 2 week</td>
</tr>
<tr>
<td><strong>Theoretical coverage at 50μ 7.1±0.4 m2/lit</strong></td>
<td>Min. time to overcoat 24 hr</td>
</tr>
<tr>
<td><strong>Flash point</strong> 25 ° C</td>
<td>Max. time to overcoat 4 week</td>
</tr>
<tr>
<td><strong>Storage condition</strong> 12Month</td>
<td>Shelf life (Standard condition)</td>
</tr>
</tbody>
</table>
**Description:**

**Application Equipment**
- Conventional spray
- Airless spray
- Brush

**Environmental Conditions**
- Air temperature: 10°C – 40°C
- Surface temperature: 10°C – 40°C

To prevent moisture condensation during application, surface temperature must be at least 3°C above the dew point.

**Application procedure**
- Flush equipment with cleaner before use
- Stir two components with a power mixer. Notice pot life time and mixing ratio
- Use Shakiba’s thinner for adjusting the viscosity
- The thinner should be added gradually
- The consumption depends on temperature and type of equipment and thickness paint
- Clean all equipment with Shakiba’s thinner.

**Safety**
- This product is flammable it must be kept away from heat, flash & flame
- Keep container closed use with adequate ventilation & Earth
- Prolonged & repeated contact with skin may be harmful
- In case of eye contact flush with plenty of water and check with a medical doctor.

**Note**
- Density, solid contents theoretical coverage are dependent on color
- Pot life, drying time is dependent on air and steel temperature, applied film thickness.
- Never apply coatings under environmental condition.
- Adjusting the viscosity & pressure. For better adhesion on un steel, we offer wash primer as on under.
- This information given 25°C temperature and changed temperature cause to change data.
- Don’t use different thinner; otherwise we decline all responsibilities of it.