**Kemapoxy 131 ECI**

One component Free Epoxy Primer Coating.

**Description:**
- **KEMAPOXY 131 ECI** is primer coating component based on liquid epoxy resin, and zinc phosphate high quality pigments as an effective agent for cathodic protection.
- **KEMAPOXY 131 ECI** Complies with ESS 196.

**Fields of Application:**
- Coating of steel tanks, pipes, machines and steel structures that are subjected to the actions of chemical or severe conditions.
- Coating steel surfaces of bridges and road structure also in repair concrete works.
- Protecting steel reinforcement against rust.

**Advantages:**
- Is easy to apply with brush, or spray after thinning with a suitable solvent.
- High resistivity against the effect of chemicals, salts and rust high resistance.
- Is characterized by its hardness and resistance to friction and abrasion.
- Available in white or grey colour.
- All epoxy, PUR, chlorinated rubber (with or without solvents) top coats can be applied on **KEMAPOXY 131 ECI**.
- Providing cathodic protection to steel surfaces.
- Good adhesion on metallic surfaces.

**Technical Data** *(at 25 °C)*

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>white and grey</td>
</tr>
<tr>
<td>Solid content</td>
<td>80 ± 1 % by wt., 61 ± 1 % by volume density</td>
</tr>
<tr>
<td>Elasticity</td>
<td>excellent 6 mm (cupping test)</td>
</tr>
<tr>
<td>Initial setting time</td>
<td>2 hours</td>
</tr>
<tr>
<td>Final setting time</td>
<td>8 hours</td>
</tr>
<tr>
<td>Thinner</td>
<td>Kemsolve 6</td>
</tr>
<tr>
<td>Cleaner</td>
<td>Kemsolve 1</td>
</tr>
<tr>
<td>Rate of use</td>
<td>250 gm/m²/coat (depending on the surfaces conditions)</td>
</tr>
</tbody>
</table>

**METHOD OF Application:**
- The surface should be cleaned from dust, oil grease and rust should be removed.
- Mix well the Ingredients of **KEMAPOXY 131 ECI**.
- Surface should be coated once after adjusting the viscosity to suit the applied tool.
- Another coating could be applied then dried (if needed) then the suitable top coat should be applied (as epoxy, PUR, chlorinated rubber).

**Safety Precautions:**
- Application should be carried out in a well ventilated place.
- Gloves, protective clothing and eye goggles should be worn during application.
- Skin contaminations should be immediately cleaned with soap and plenty of water.
- If the material is splashed into the eyes, these should be immediately washed with water, and then report to an eye specialist.
- Do not eat or smoke during use.

**Storage:**
- 12 months under suitable storage conditions in closed containers.

**Packages:**
- 0.5 kg, 1 kg, 5 kg & 20 kg