# Protective Coating Products
## Steel Primers

## Kemapoxy 131 ZR

**Zinc Rich Epoxy Coating Anti-Corrosion Primer for Steel.**

### Description:
- **KEMAPOXY 131 ZR**: is a two components and solvent containing epoxy paint filled with rich zinc to provide the highest protection against corrosion of iron and steel.
- **KEMAPOXY 131 ZR**: it is also used to protect exposed steel reinforcement against rust and to obtain higher bond between steel and concrete.
- Complies with ES 196.

### Fields of Use:
- **KEMAPOXY 131**: is used to protect steel reinforcement against rust and to obtain higher bond between steel and concrete.
- Steel bridges, trusses and steel structures.
- Steel pipes.

### Advantages:
- Prevents corrosion and rust of steel.
- Easy to apply.
- Adheres firmly to steel surface.
- High resistant to water, salts and chemicals.
- Zinc content in dry film thickness is higher than 90%.

### Technical Data (at 25 ºC)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>Grey</td>
</tr>
<tr>
<td>Solid content (by weight)</td>
<td>75 ± 0.01%</td>
</tr>
<tr>
<td>Density</td>
<td>2.18 ± 0.10 kg/l</td>
</tr>
<tr>
<td>Mixing ratio A : B by weight</td>
<td>15 : 1</td>
</tr>
<tr>
<td>Pot life</td>
<td>45 min</td>
</tr>
<tr>
<td>Initial setting time</td>
<td>1 hour</td>
</tr>
<tr>
<td>Final setting time</td>
<td>18 hours</td>
</tr>
<tr>
<td>Full hardness</td>
<td>7 days</td>
</tr>
<tr>
<td>Recoating time</td>
<td>12 – 24 hours</td>
</tr>
<tr>
<td>Min. application temperature</td>
<td>10°C</td>
</tr>
<tr>
<td>Thinner</td>
<td>KEMSOLVE 5 (10% when needed)</td>
</tr>
<tr>
<td>Rate of use (Theoretical)</td>
<td>265 gm / m² (40 µ)</td>
</tr>
</tbody>
</table>

### Directions for Use:
- Surfaces should be free of rust, dust, oil and grease.
- The two components of **KEMAPOXY 131 ZR** should be thoroughly mixed together directly prior to application by brush or roller.
- When required to apply 2 coats of **KEMAPOXY 131 ZR**, the second coat must be applied after a minimum 12 hours after the first coat at (25°C).
- Clean tools by **KEMSOLVE 1**.

### Safety Precautions:
- Application should be carried out in 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. Don't use solvent.
- If the material is splashed into the eyes, they should be immediately washed with water and then report to an eye specialist.
- Do not eat or smoke during application.

### Storage:
- 2 years under suitable storage conditions and closed containers.

### Packages:
- Kits (A+B) 1 kg and 4 kg.
- Follow the mixing ratios - by weight - indicated on the package.