Kemapoxy 131 E(NS) 3/C
Anti-corrosion Epoxy Coating for Iron and Steel.

**Description:**
- KEMAPOXY 131 E(NS) 3/C is a two components and solvent containing epoxy primer used for protection against corrosion of steel and iron.
- KEMAPOXY 131 E (NS) 3/C complies with the standard specification API RP 5L2 and ES 196.

**Fields of Use:**
- Protection of metal surfaces against rust and corrosion.
- Interior spray paint for steel pipes used for natural gas.

**Technical Data:**
(at 25 ºC)
- Colour: reddish brown
- Gloss: Matt
- Solid content by weight: 70% ± 2%
- Solid content by volume: 54% ± 2%
- Density (A+B): 1.35 ± 0.02 kg/l
- Mixing ratio A:B by weight: 5.56 :1
- Mixing ratio A:B by volume: 3.44 :1
- Pot life: 4 hours (decreases at higher temp)
- Curing time: as table below
- Min. working temperature: 5ºC
- Thinner: KEMSOLVE 55 (8% max)
- Rate of use (Theoretically): 250 gm/m²^2 For 100 microns (D.F.T.)
  5.4 m²/liter

<table>
<thead>
<tr>
<th>Substrate temperature</th>
<th>Dry to touch</th>
<th>Dry to handle</th>
<th>Fully cured</th>
<th>Recoating interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-10 C</td>
<td>120 min</td>
<td>36h</td>
<td>14 days</td>
<td>12 h  Minimum</td>
</tr>
<tr>
<td>23-25 C</td>
<td>60 min</td>
<td>18h</td>
<td>7 days</td>
<td>6 h   Minimum</td>
</tr>
<tr>
<td>33-35 C</td>
<td>30 min</td>
<td>8 h</td>
<td>3 days</td>
<td>4 h   Minimum</td>
</tr>
<tr>
<td>38-40 C</td>
<td>30 min</td>
<td>8 h</td>
<td>2 days</td>
<td>4 h   Minimum</td>
</tr>
</tbody>
</table>

**Directions for Use:**
- Surfaces should be free of rust, dust, oil and grease.
- The two components of KEMAPOXY 131 E (NS) 3/C should be thoroughly mixed directly prior and during application.
- KEMAPOXY 131 E (NS) 3/C applied by brush or by sprayer after dilution with KEMSOLVE 55 if required.
- 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.
- Avoid the product exposure to heat, sun light and direct flame.

**Storage:**
- 2 years under suitable storage condition.

**Packages:**
1 kg, 4 kg, 23 kg.