Ferox—25 SPECIFICATIONS

Ferox-25 is a multi-layered epoxy coating system specifically designed for oil and gas field applications. It has good chemical and corrosion resistance, good adhesion, and good abrasion resistance for use at higher temperatures. Additionally, it also has an added layer of primer which enhances adhesion and C0₂ and H₂S chemical resistance.

Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Epoxy/Novolac Top Coat with Primer Base Coat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Green</td>
</tr>
<tr>
<td>Temperature</td>
<td>300°F (150°C)</td>
</tr>
<tr>
<td>Pressure</td>
<td>To yield strength of pipe</td>
</tr>
<tr>
<td>Applied Thickness</td>
<td>7-16 mils</td>
</tr>
<tr>
<td>Primary Pipe Size</td>
<td>2”-12”, range 2-3</td>
</tr>
<tr>
<td>Primary Applications</td>
<td>New and used tubular</td>
</tr>
<tr>
<td>Primary Service</td>
<td>Production tubing, flow lines, casing, pup joints</td>
</tr>
</tbody>
</table>

Recommended Services:  
- Salt Water Disposal Wells  
- Injection Wells (Water, C0₂)  
- Gas Lift Production Wells  
- Free Flowing Wells  
- ESP Production Wells  
- Rod Pump Wells  
- Casing  

Benefits:  
- Exceptional Flexibility  
- Exceptional Acid Resistance  
- Exceptional Fuel Resistance  
- Good Abrasion Resistance  
- Good Adhesion  
- Good Brine Resistance  
- Additional C0₂ and H₂S Protection  

Test Results:  
Hardness
- Shore D Hardness = 90 per ASTM D2240  
Adhesion Rate  
- 47 mpa/6,800 psi per ASTM D4541  
Taber Abrasion Test  
- 45 mg per ASTM D4060—CS17 wheels, 1000 cycles, 1000 g  
Impact Testing  
- Direct impact value = 54 in. lb. per ASTM D2794  
- Indirect impact value = 12 in. lb. per ASTM D2794  

Note: Acidizing the tubing has no adverse affect to our coating if flushed in a reasonable amount of time. Failing to flush chemicals in an reasonable amount of time may jeopardize the life of the coating. Any questions regarding this matter should be directed to a Vulcan Labs representative.