



# VULCANLABS

## 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 CO<sub>2</sub> and H<sub>2</sub>S chemical resistance.

### Specifications

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



Recommended Services:	Benefits:	Test Results:
<ul style="list-style-type: none"><li>• Salt Water Disposal Wells</li><li>• Injection Wells (Water, CO<sub>2</sub>)</li><li>• Gas Lift Production Wells</li><li>• Free Flowing Wells</li><li>• ESP Production Wells</li><li>• Rod Pump Wells</li><li>• Casing</li></ul>	<ul style="list-style-type: none"><li>• Exceptional Flexibility</li><li>• Exceptional Acid Resistance</li><li>• Exceptional Fuel Resistance</li><li>• Good Abrasion Resistance</li><li>• Good Adhesion</li><li>• Good Brine Resistance</li><li>• Additional CO<sub>2</sub> and H<sub>2</sub>S Protection</li></ul>	<p>Hardness</p> <ul style="list-style-type: none"><li>• Shore D Hardness = 90 per ASTM D2240</li></ul> <p>Adhesion Rate</p> <ul style="list-style-type: none"><li>• 47 mpa/6,800 psi per ASTM D4541</li></ul> <p>Taber Abrasion Test</p> <ul style="list-style-type: none"><li>• 45 mg per ASTM D4060—CS17 wheels, 1000 cycles, 1000 g</li></ul> <p>Impact Testing</p> <ul style="list-style-type: none"><li>• Direct impact value = 54 in. lb. per ASTM D2794</li><li>• Indirect impact value = 12 in. lb. per ASTM D2794</li></ul>

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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.



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