

# HydraTech HydraLine 4135

## Acid Resistant Epoxy Coating

PRODUCT DESCRIPTION	PHYSICAL PROPERTIES																														
<ul style="list-style-type: none"> <li>The HydraLine 4135 is a unique, high performance acid resistant coating.</li> <li>The 4135 provides excellent adhesion to a variety of substrates while allowing a sag free application at high film builds.</li> <li>HydraLine 4135 can be filled with chopped fibers to create a chemical resistant filler / putty or be filled with Portland cement to form a chemical resistant mortar / grout.</li> <li>The HydraLine 4135 can be utilized in combination with a variety of woven fabrics to give a chemical resistant structural repair.</li> </ul> <p><u>Advantages</u></p> <ul style="list-style-type: none"> <li>Rapid development of physical properties with ambient cure. No post cure required.</li> <li>Excellent Chemical Resistance</li> <li>Excellent Adhesion</li> <li>100% Solvent-Free, Zero V.O.C.</li> <li>Low temperature cure down to 40°F (4°C).</li> <li>Full contract support services, if required</li> </ul>	<table style="width: 100%; border: none;"> <tr> <td style="width: 60%;"></td> <td style="text-align: center;"><b>4135</b></td> </tr> <tr> <td>Color</td> <td>Steel Green</td> </tr> <tr> <td>Working Life – 68°F (20°C)</td> <td>15 minutes</td> </tr> <tr> <td>Dry Times – 68°F (20°C)</td> <td>4 Hours</td> </tr> <tr> <td>% Vol Solids (ASTM 2369)</td> <td>100</td> </tr> <tr> <td>Shore D Hardness (ASTM D2240)</td> <td>80</td> </tr> <tr> <td>Mix Ratio</td> <td>Pre-measured 1:1/container</td> </tr> <tr> <td>Flash Point</td> <td>&gt; 200°F (93°C)</td> </tr> <tr> <td>Storage Life</td> <td>Twelve months when stored in original sealed containers, between 50-77°F (10-25°C)</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Adhesion to Cold Rolled Steel (psi) (ASTM D4541)</td> <td style="text-align: center;">&gt;2,000</td> </tr> <tr> <td>Adhesion to Hot Rolled Steel (psi) (ASTM D4541)</td> <td style="text-align: center;">&gt;2,000</td> </tr> <tr> <td>Adhesion to Cast Iron (psi) (ASTM D4541)</td> <td style="text-align: center;">&gt;2,000</td> </tr> <tr> <td>Adhesion to 304 Stainless (psi) (ASTM D4541)</td> <td style="text-align: center;">&gt;2,000</td> </tr> <tr> <td>Adhesion to 316 Stainless (psi) (ASTM D4541)</td> <td style="text-align: center;">&gt;2,000</td> </tr> <tr> <td>Adhesion to Concrete (ASTM D4541)</td> <td style="text-align: center;">Concrete Failure</td> </tr> </table>		<b>4135</b>	Color	Steel Green	Working Life – 68°F (20°C)	15 minutes	Dry Times – 68°F (20°C)	4 Hours	% Vol Solids (ASTM 2369)	100	Shore D Hardness (ASTM D2240)	80	Mix Ratio	Pre-measured 1:1/container	Flash Point	> 200°F (93°C)	Storage Life	Twelve months when stored in original sealed containers, between 50-77°F (10-25°C)	Adhesion to Cold Rolled Steel (psi) (ASTM D4541)	>2,000	Adhesion to Hot Rolled Steel (psi) (ASTM D4541)	>2,000	Adhesion to Cast Iron (psi) (ASTM D4541)	>2,000	Adhesion to 304 Stainless (psi) (ASTM D4541)	>2,000	Adhesion to 316 Stainless (psi) (ASTM D4541)	>2,000	Adhesion to Concrete (ASTM D4541)	Concrete Failure
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<p><b>HydraLine 4135</b></p> <p>The HydraTech HydraLine 4135 is a performance driven product that provides a chemical and corrosion resistant repair for primary and secondary containment applications. The 4135 is backed by our engineering staff that services each application with assessment and technical support.</p>																															

### APPLICATION RECOMMENDATIONS

### SUBSTRATE PREPARATION

<table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">Minimum Application Temperature</td> <td>40°F (4.4°C)</td> </tr> <tr> <td>Maximum Relative Humidity</td> <td>85%</td> </tr> <tr> <td>Substrate Temperature</td> <td>5°F (3°C) above dew point</td> </tr> <tr> <td>Thinning</td> <td>Do not thin</td> </tr> <tr> <td>Cleaning Fluid</td> <td>Hunting Universal Equipment Cleaner</td> </tr> </table> <p>To aid application at low temperatures, both components should be warmed to 60-68°F (15.5-20°C) prior to mixing.</p>	Minimum Application Temperature	40°F (4.4°C)	Maximum Relative Humidity	85%	Substrate Temperature	5°F (3°C) above dew point	Thinning	Do not thin	Cleaning Fluid	Hunting Universal Equipment Cleaner	<p>Substrate preparation dictates the adhesion performance of any coatings system. A properly prepped surface will ensure maximum life and performance of the system.</p> <p style="text-align: center;"> <b>Concrete:</b> NACE No.6* / SSPC-SP 13*  <b>Steel:</b> NACE No.2* / SSPC-SP 10*                    NACE No.3 / SSPC-SP 6                    NACE No.5 / SSPC-SP 12       </p> <p style="text-align: center;">*indicates recommended method</p>
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