



# 57X EPOXY PENETRATING SEALER



## PRODUCT INFORMATION BULLETIN

<b>DESCRIPTION</b>	<b>Enviroline® 57X</b> is a very low viscosity 100% solids penetrating epoxy based sealer designed for porous concrete, masonry, rusty steel and oxidized zinc surfaces prior to the application of Enviroline chemically resistant topcoats.								
<b>TYPICAL USE</b>	<b>Enviroline 57X</b> is used to strengthen and seal porous substrates to ensure good topcoat adhesion and performance.								
<b>BENEFITS</b>	<ul style="list-style-type: none"> <li>- Very low viscosity</li> <li>- Spray, roller or brush applied</li> <li>- Long pot life</li> <li>- Excellent adhesion</li> <li>- Low VOC's</li> <li>- Can be applied over green concrete</li> </ul>								
<b>LIMITATIONS OF USE</b>	Do not apply at surface temperatures below 50°F. Consult your Enviroline representative.								
<b>TECHNICAL DATA</b>	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"><b>Weight</b> (lbs/gal): 8.6</td> <td style="width: 50%;"><b>Pot Life</b> (@77° F): 4 hours</td> </tr> <tr> <td><b>Volume Solids:</b> 100%</td> <td><b>VOC</b> (mixed lbs/gal): 1.70</td> </tr> <tr> <td><b>Color(s):</b> Clear</td> <td><b>VOC</b> (mixed g/l): 204</td> </tr> <tr> <td><b>Flash Point:</b> &gt;135° F</td> <td><b>Recommended Thickness:</b> 1.5-2.0 mils DFT</td> </tr> </table> <p><b>Temperature Resistance:</b>  Non-Immersion, Dry Heat: 250° F (121° C)  Continuous immersion temperature resistance is dependent on particular reagent exposure. Consult your Enviroline representative.</p>	<b>Weight</b> (lbs/gal): 8.6	<b>Pot Life</b> (@77° F): 4 hours	<b>Volume Solids:</b> 100%	<b>VOC</b> (mixed lbs/gal): 1.70	<b>Color(s):</b> Clear	<b>VOC</b> (mixed g/l): 204	<b>Flash Point:</b> >135° F	<b>Recommended Thickness:</b> 1.5-2.0 mils DFT
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<b>COVERAGE</b>	<p><b>Theoretical Coverage*:</b> 1604 sq. ft per gallon @ 1 mil dry  @ <b>1 mil:</b> 1604 sq. ft. per gallon  @ <b>2 mils:</b> 802 sq. ft. per gallon</p> <p><i>*When ordering product, make allowances for any loss due to overspray, surface irregularities, etc. (approx. 10 – 15%).</i></p>								
<b>MINIMUM DRY TIME</b>	77°F and 50% relative humidity, ASTM D 1640: <b>To Recoat:</b> overnight  <b>Maximum Recoat Time:</b> 3 days Application of a base coat or topcoat may be performed while the primer is still tacky. Do not allow primer to puddle.								
<b>CURE SCHEDULE</b>	<b>For Immersion Service:</b> 7 days								
<b>SURFACE PREPARATION</b>	All oil/grease, loose rust and loose paint must be removed. Best results are obtained with detergent wash and high pressure rinse. Concrete and masonry – remove all contaminants and loose laitance before application. Best results include abrasive blast or etch with 10% muriatic acid.								
<b>APPLICATION EQUIPMENT</b>	Brush, roll or conventional spray. Use a ¼" to ½" nap roller for roller applications. For conventional spray application use low air pressure and pot pressure in the range of 5 to 10 psi.								
<b>MIX RATIO</b>	3:1 by volume.								
<b>APPLICATION CONDITIONS</b>	Apply at 5° F (3° C) above dew point. Use the following chart for preferred temperature and humidity conditions.								

	Coating	Substrate	Ambient	Humidity
<b>Preferred</b>	75-105° F	70-120° F	70-100° F	0-90%
<b>Minimum</b>	65° F	50° F	50° F	0%

