

# Pota-Pox 80 SERIES 141

## PRODUCT PROFILE

<p><b>GENERIC DESCRIPTION</b> <b>COMMON USAGE</b></p> <p><b>COLORS</b></p> <p><b>SPECIAL QUALIFICATIONS</b></p> <p><b>PERFORMANCE CRITERIA</b></p>	<p>Modified Polyamine Epoxy</p> <p>High solids potable water coating which offers high-build edge protection and excellent corrosion resistance. For use on the interior and exterior of steel or concrete tanks, reservoirs, pipes, valves, pumps and equipment in potable water service.</p> <p>1211 Red, 1255 Beige and WH03 Off-White. <b>Note:</b> Epoxies chalk with extended exposure to sunlight. Lack of ventilation, incomplete mixing, miscatalyzation or the use of heaters that emit carbon dioxide and carbon monoxide during application and initial stages of curing may cause yellowing to occur.</p> <p>Certified by NSF International in accordance with ANSI/NSF Std. 61. Ambient air cured Series 141 is qualified for use on tanks and reservoirs of 1,000 gallons (3,785 L) capacity or greater, pipes eight (8) inches (20 cm) in diameter or greater and valves two (2) inches (5 cm) in diameter or greater. Conforms to AWWA D 102 Inside Systems No. 1 and No. 2. Conforms to AWWA C 210. Contact your Themec representative for systems and additional information.</p> <p>Extensive test data available. Contact your Themec representative for specific test results.</p>
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Certified to ANSI/NSF 61

## COATING SYSTEM

<p><b>PRIMERS</b></p> <p><b>TOPCOATS</b></p>	<p>Self-priming, 20, FC20, 91-H<sub>2</sub>O, N140, N140F</p> <p><b>Interior:</b> Series N140, N140F, 141. <b>Exterior:</b> Series 27, 66, N69, 73, N140, N140F, 161, 180, 1074, 1075. Refer to COLORS on applicable topcoat data sheets for additional information. <b>Note:</b> The following maximum recoat time applies when using Series 180 or Endura-Shield topcoats: Series 73, 175, 1074 or 1075, thirty (30) days. If this time limit is exceeded, Series 141 must be uniformly scarified or recoated with itself prior to topcoating.</p>
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## SURFACE PREPARATION

<p><b>STEEL</b></p> <p><b>PRIMED STEEL</b></p> <p><b>CONCRETE</b></p> <p><b>ALL SURFACES</b></p>	<p><b>Immersion Service:</b> SSPC-SP10 Near-White Blast Cleaning. <b>Non-Immersion Service:</b> SSPC-SP6 Commercial Blast Cleaning</p> <p><b>Immersion Service:</b> Scarify the Series 20, FC20, N140, N140F or 141 prime coat surface by brush-blasting with fine abrasive before topcoating if it has been exterior exposed for 30 days or longer and 141 is the specified topcoat.</p> <p>Allow to cure for 28 days. Abrasive blast referencing SSPC-SP13/NACE 6 Surface Preparation of Concrete and Themec's Surface Preparation and Application Guide.</p> <p>Must be clean, dry and free of oil, grease and other contaminants.</p>
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## TECHNICAL DATA

<p><b>VOLUME SOLIDS*</b></p> <p><b>RECOMMENDED DFT</b></p> <p><b>CURING TIME AT 5 MILS DFT</b></p>	<p>82% ± 2.0% (mixed)</p> <p>4.0 to 12.0 mils (100 to 300 microns) per coat. <b>Note:</b> Number of coats and thickness requirements will vary with substrate, application method and exposure. Contact your Themec representative.</p>
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Temperature	To Handle	To Recoat	Immersion
90°F (32°C)	3 hours	4 hours	7 days
75°F (24°C)	4 hours	5 hours	7 days
65°F (18°C)	7 hours	9 hours	8 days
55°F (11°C)	13 hours	18 hours	9 days
45°F (7°C)	20 hours	30 hours	13 days
40°F (4°C)	22 hours	42 hours	18 days

Curing time varies with surface temperature, air movement, humidity and film thickness. **Note:** For pipe and valve applications, allow 14 days cure at 75°F (24°C) prior to immersion.

<p><b>VOLATILE ORGANIC COMPOUNDS*</b></p> <p><b>THEORETICAL COVERAGE*</b></p> <p><b>NUMBER OF COMPONENTS</b></p> <p><b>MIXING RATIO</b></p> <p><b>PACKAGING</b></p>	<p><b>Unthinned</b> 1.30 lbs/gallon (156 grams/litre)</p> <p><b>Thinned 10%</b> 1.81 lbs/gallon (217 grams/litre)</p> <p><b>Thinned 5%</b> 1.57 lbs/gallon (188 grams/litre)</p> <p>1,285 ml sq ft/gal (31.5 m<sup>2</sup>/L at 25 microns). See APPLICATION for coverage rates.</p> <p>Two: Part A and Part B</p> <p>By volume: Two (Part A) to one (Part B)</p>
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	PART A (Partially Filled)	PART B (Partially Filled)	When Mixed
Large Kit	1-3 gallon pail	1-2 gallon pail	5 gallons
Small Kit	1-1 gallon can	1-1 gallon can	1 gallon

Contact us for more information: Valve & Equipment Consultants, Inc. • Phone: 281-324-1600 • Email: [sales@valveandequipment.com](mailto:sales@valveandequipment.com)

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