



# RAINBOW

## RAINBOPRIME 802LT

PRODUCT NUMBER	30802																													
TYPE	Two component polyamide cured epoxy primer.																													
CHARACTERISTICS	<ol style="list-style-type: none"> <li>1. General purpose epoxy primer in protective coating systems for steel.</li> <li>2. Good adhesion to steel and galvanized steel.</li> <li>3. Good water and corrosion resistance.</li> <li>4. Good flow and wetting properties.</li> <li>5. Suitable for touching up of weld seams and damages of epoxy coatings during construction.</li> <li>6. Excellent recoatability.</li> </ol>																													
GLOSS	Gloss																													
COLORS	Yellowish green																													
VOC	438 g/L																													
PRODUCT WEIGHT	Above 1.3 Kg/L																													
DRYING TIME	Set-to-touch 3 hrs	Dry hard 4 hrs (10°C)																												
OPTIMUM FILM THICKNESS	Wet 82 ~ 164μ (Micron)	Dry 50 ~ 100μ (Micron)																												
VOLUME SOLID	61±2 %																													
THEORETICAL COVERAGE	23 m <sup>2</sup> /Gal 6.1 m <sup>2</sup> /L @ 50μ																													
OVERCOATING TABLE	EPOXY system																													
	<table border="1"> <thead> <tr> <th>Substrate temp.</th> <th>-10°C</th> <th>-5°C</th> <th>0°C</th> <th>5°C</th> <th>10°C</th> <th>15°C</th> </tr> </thead> <tbody> <tr> <td>Minimum interval</td> <td>48 hrs</td> <td>24 hrs</td> <td>16 hrs</td> <td>12 hrs</td> <td>8 hrs</td> <td>6 hrs</td> </tr> <tr> <td>Maximum interval (exposed to direct sunshine)</td> <td>3 months</td> <td>3 months</td> <td>3 months</td> <td>2 months</td> <td>2 months</td> <td>1 months</td> </tr> <tr> <td>Maximum interval (not exposed to direct sunshine)</td> <td>2 months</td> <td>2 months</td> <td>2 months</td> <td>1 months</td> <td>1 months</td> <td>1 months</td> </tr> </tbody> </table>		Substrate temp.	-10°C	-5°C	0°C	5°C	10°C	15°C	Minimum interval	48 hrs	24 hrs	16 hrs	12 hrs	8 hrs	6 hrs	Maximum interval (exposed to direct sunshine)	3 months	3 months	3 months	2 months	2 months	1 months	Maximum interval (not exposed to direct sunshine)	2 months	2 months	2 months	1 months	1 months	1 months
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MIXING RATIO	Base : Hardener = 16 : 4 (by volume)																													
POT LIFE	8 Hours (20°C)																													
THINNER	No.1005 Epoxy Thinner (SP-12)																													
THINNER RATE	<p>The mixing temp. for the base and hardener should be performed at above 15°C. or else thinner should be added in order to achieve application viscosity, too much thinner will result in sagging. Well mix the base and hardener before any thinner is added.</p> <p>0~2% (by brush and roller) 0~3% (Airless)</p>																													
RECOMMENDED SPEC.	Please refer the painting specification																													
SHELF LIFE	Minimum 2 years under normal storage condition																													
APPLICATION METHOD	Airless spray, Bush and Roller																													
NOTE	<ol style="list-style-type: none"> <li>1. <b>For immersion exposure:</b> <ul style="list-style-type: none"> <li>• Steel or steel with not approved zinc silicate shop primer; blast cleaned (dry or wet) to ISO-Sa2½, blasting profile 30-75 μm.</li> <li>• Coated steel; hydrojetted to VIS WJ2 L (blasting profile 30-75 μm).</li> </ul> </li> <li>2. <b>For atmospheric exposure conditions:</b> <ul style="list-style-type: none"> <li>• Steel; blast cleaned to ISO-Sa2½, blasting profile 30-75 μm.</li> </ul> </li> <li>3. Substrate temperature should be above 5°C and at least 3°C above dew point during application and curing.</li> <li>4. Maximum relative humidity during application and curing is 85%.</li> </ol>																													

EPDM3030802L V1.0

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