



# RAINBOW

## RAINBOZINC 42

Epoxy Zinc Rich Primer

PRODUCT NUMBER	RAINBOZINC 42										
TYPE	Two component polyamide epoxy primer.										
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Economical zinc epoxy primer for various paint systems.</li><li>2. Good corrosion prevention properties.</li><li>3. Quick drying, can be overcoated after a short interval.</li><li>4. Can serve as a holding primer for various maintenance systems for a total repair.</li></ol>										
GLOSS	Flat										
COLORS	Grey										
VOC	Max. 491 g/L										
PRODUCT WEIGHT	Above 2 kg/L										
DRYING TIME	Set-to-touch 30 mins.      Dry hard 8 hrs (25°C)										
OPTIMUM FILM THICKNESS	Wet 45 ~ 91μ (Micron)      Dry 25 ~ 50μ (Micron)										
VOLUME SOLID	55±2 %										
THEORETICAL COVERAGE	41.6 m <sup>2</sup> /Gal      11 m <sup>2</sup> /L @ 50μ										
OVERCOATING TABLE	EPOXY system <table border="1"><tr><td>Substrate temp.</td><td>0 °C</td><td>10 °C</td><td>21 °C</td><td>32 °C</td></tr><tr><td>Minimum interval</td><td>48 hours</td><td>16 hours</td><td>8 hours</td><td>4 hours</td></tr></table>	Substrate temp.	0 °C	10 °C	21 °C	32 °C	Minimum interval	48 hours	16 hours	8 hours	4 hours
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MIXING RATIO	Base : Hardener = 7.9 : 2.1 (by volume)										
POT LIFE	Above 8 Hours (25°C)										
THINNER	No.1005 Epoxy Thinner (SP-12)										
THINNER RATE	The mixing temperature 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. 0~5% (by bush and roller)      0~10% (Airless)										
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. Mix base and hardener according to the mixing ratio and stir thoroughly.</li><li>2. Adhered water, grease and dust on substrate must be thoroughly clean.</li><li>3. Steel; surface blast cleaned to ISO-Sa2½, roughness 30μ and above.</li><li>4. Approved shop primer; sweep blasted or power tool cleaned to ISO SS St3.</li><li>5. Substrate temperature must be at least 3°C above dew point during application and curing.</li><li>6. Maximum relative humidity during application and curing is 85% .</li></ol>										

EPDM3030042X V1.2

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