

## **RAINBOSHINE 651**

**Polysiloxane Finish** 

PRODUCT NUMBER	RAINBOSHINE 651
TYPE	Two component engineered siloxane coating.
CHARACTERISTICS	<ol> <li>Can be applied directly over inorganic zinc.</li> <li>Excellent colour and gloss retention.</li> <li>High solids, VOC compliant.</li> <li>Good resistance to splash and spillage of chemicals.</li> </ol>
GLOSS	Gloss
COLORS	Full color range
PRODUCT WEIGHT	Above 1.1 kg/L
DRYING TIME	Set-to-touch1 hrsDry hard4 hrs $(25^{\circ}C)$
OPTIMUN FILM THICKNESS	$Wet  149 \thicksim 238 \mu \ (\ Micron \ ) \qquad Dry  35 \thicksim 75 \mu \ (\ Micron \ )$
VOLUME SOLID	90±2 %
THEORETICAL COVERAGE	25.4 m²/Gal 10 m²/L @ 35µ
OVERCOATING TABLE	Min. 12 hrs. Max. 10 days (25°C)
MIXING RATIO	Base : Hardener=16.8 : 3.2 (by volume)
POT LIFE	8 hrs (20°C)
THINNER	No.1005 Epoxy Thinner (SP-12)
THINNER RATE	The mixing temperature for the base and hardener should be performed at above $15^{\circ}$ . 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. $0 \sim 2\%$ (by bush and roller) $3 \sim 10\%$ (Airless)
RECOMMENDED SPEC.	Please refer the painting specification
SHELF LIFE	Minimum one year under normal storage condition
APPLICATION METHOD	Airless spray, Bush and Roller
NOTE	<ol> <li>Mix base and hardener according to the mixing ratio and stir thoroughly.</li> <li>Adhered water, grease and dust on substrate must be thoroughly clean.</li> <li>Steel; surface blast cleaned to ISO-Sa2½, roughness 30µ and above <sup>3</sup> or water-jet to VIS WJ 2/3 °</li> <li>Approved shop primer; sweep blasted or power tool cleaned to ISO SS St3 °</li> <li>Substrate temperature should be 3°C above dew point, rainy day and relative humidity during application and curing should be below 85%, or job is to be stopped.</li> <li>Whilst application in the confine space, adequate ventilation must be maintenance.</li> </ol>

## EPDM3030651X V1.1

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