



RAINBOW

RAINBOXY 853

PRODUCT NUMBER	30853															
TYPE	Two component high build polyamine cured recoatable pure epoxy coating.															
CHARACTERISTICS	<ol style="list-style-type: none"> 1.General purpose epoxy build or finish in protective coating systems for steel and concrete structures exposed to atmospheric land or marine conditions 2. A high relative humidity max. 95%, during application and curing does not influence the quality of the coating. 3. Can be recoated with various two component and conventional coatings even after long weathering periods. 4. Resistance to water and splash of mild chemicals. 5. Tough with excellent durability. 															
GLOSS	Semigloss															
COLORS	White and various other colors															
VOC	Max. 344 g/L															
PRODUCT WEIGHT	Above 1.3 Kg/L															
DRYING TIME	Set-to-touch 2 hours Dry hard 6 hours (25°C)															
OPTIMUM FILM THICKNESS	Wet 112 ~ 224μ (Micron) Dry 75 ~ 150μ (Micron)															
VOLUME SOLID	67±2%															
THEORETICAL COVERAGE	33.8 m ² /Gal 8.93 m ² /L @ 75μ															
OVERCOATING TABLE	<p>EPOXY system:</p> <table border="1"> <thead> <tr> <th>Substrate temp.</th> <th>10 °C</th> <th>20 °C</th> <th>30 °C</th> <th>40 °C</th> </tr> </thead> <tbody> <tr> <td>Minimum interval</td> <td>20 hours</td> <td>9 hours</td> <td>5 hours</td> <td>3 hours</td> </tr> <tr> <td>Maximum interval</td> <td>6 months</td> <td>3 months</td> <td>1 month</td> <td>1 month</td> </tr> </tbody> </table>	Substrate temp.	10 °C	20 °C	30 °C	40 °C	Minimum interval	20 hours	9 hours	5 hours	3 hours	Maximum interval	6 months	3 months	1 month	1 month
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MIXING RATIO	Base : Hardener = 16.4 : 3.6 (by volume)															
POT LIFE	1.5 hrs (25°C)															
THINNER	No.1005 Epoxy Thinner (SP-12)															
THINNER RATE	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. 0~5% (by bush and roller) 0~10% (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 style="list-style-type: none"> 1. Previous coat; dry and free from any contamination. 2. Substrate temperature should be above -5°C during application and curing and at least 3°C above dew point and free from ice and any contamination. 3. During application and curing a substrate temperature down to -5°C is possible but curing to hardness takes longer and complete resistance will be reached when temperature increasing. 															

EPDM3030853X V1.1

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