



# RAINBOW

## WATER-BORNE TRAFFIC RACK COATING

PRODUCT NUMBER	No.427TL												
TYPE	The fast drying traffic paint based on special water-borne resin with weather, water and abrasion resistant pigments.												
USES	Used for the zebra crossing and lane lines of asphalt or cement road.												
CHARACTERISTICS	<ol style="list-style-type: none"> <li>1. Fast drying under normal temperature and weather for 10 minutes after applying then can traffic.</li> <li>2. Tough film with excellent adhesion and abrasion resistance. (duration for heavy car with 25 tons)</li> <li>3. Water-borne paint with very low VOC value(lower than 100g/L).</li> <li>4. Without lead, mercury, and formaldehyde. Safe and odorless.</li> </ol>												
GLOSS	Flat to Semi-gloss												
SPECIFIC GRAVITY	Above 1.4 Kg/L												
VISCOSITY	Above 60 Ku ( 25°C )												
VOLUME SOLID	Above 60 %												
DRY TIME	Touch free : 10 minutes    Cure : 0.5 hour    Final cure : 7days ( 25°C )												
SURFACE TREATMENT	<ol style="list-style-type: none"> <li>1. Application on new asphalt roads after being completed for 7 days.</li> <li>2. Application on cement-based material after being completed for 28 days and machine surface polish is needed.</li> <li>3. Please read user's guide before use it.</li> </ol>												
OVERCOATING INTERVAL	Minimum 5 mins / Max 7 days ( 25°C/120μ WFT )												
	OVERCOATING INTERVAL MINIMUM TIME												
	<table border="1"> <thead> <tr> <th>WFT</th> <th>15°C</th> <th>25°C</th> <th>30°C</th> </tr> </thead> <tbody> <tr> <td>120μ</td> <td>15 min</td> <td>5 min</td> <td>3 min</td> </tr> <tr> <td>250μ</td> <td>30 min</td> <td>8 min</td> <td>6 min</td> </tr> </tbody> </table>	WFT	15°C	25°C	30°C	120μ	15 min	5 min	3 min	250μ	30 min	8 min	6 min
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OPTIMUM THICKNESS	WFT 180μ                      DFT 100μ												
COATING TIMES	Twice at least (DFT 100μ at least each time ; Coverage about 0.3 Kg/m <sup>2</sup> )												
THINNER	Tap water ( 5~10 cleaning tools excluded )												
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.												
APPLICATION METHOD	Airless Spray, Brush, Roller.												
NOTE	<ol style="list-style-type: none"> <li>1. Adhered dust and sand on road surface must be cleaned thoroughly to avoid influence on the performance of adhesion.</li> <li>2. The paint poured of the barrel did not recycle use to ensure the quality.</li> <li>3. Avoid application in rainy days or on wet surface.</li> <li>4. The remaining paint in bucket should avoid placing too long to deterioration.</li> <li>5. The paint must storage in ventilation and shade place, so do not place the paint in outdoor to exposure, to avoid effect the quality of paint. Ideal storage temperature : below 40°C .</li> </ol>												
REMARK	The practical coverage will depend on the shape of objects or environmental condition.												

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