



RAINBOW

RAINBOTHANE 751

PRODUCT NUMBER	30751																					
TYPE	Two component aliphatic acrylic polyurethane finish.																					
CHARACTERISTICS	<ol style="list-style-type: none">1. unlimited recoatable.2. excellent resistance to atmospheric exposure conditions.3. excellent colour and gloss retention.4. non-chalking, non-yellowing.5. cures at temperatures down to -5°C.6. can be recoated even after long atmospheric exposure.																					
GLOSS	Gloss																					
COLORS	White and various other colours																					
VISCOSITY	Above 70 KU (mixture, 25°C)																					
FLASH POINT	Above 23°C (mixture)																					
VOC	Max. 363 g/L																					
PRODUCT WEIGHT	Above 1.3 kg/L																					
DRYING TIME	Set-to-touch 1 hrs Dry hard 8 hrs (25°C)																					
OPTIMUM FILM THICKNESS	Wet 77 ~ 92µ (Micron) Dry 50 ~ 60µ (Micron)																					
VOLUME SOLID	65±2 %																					
THEORETICAL COVERAGE	49 m ² /Gal 13 m ² /L @ 35µ																					
OVERCOATING TABLE	<table border="1"><thead><tr><th>Substrate temp.</th><th>-5 °C</th><th>0 °C</th><th>10 °C</th><th>20 °C</th><th>30 °C</th><th>40 °C</th></tr></thead><tbody><tr><td>Min.</td><td>24 hrs</td><td>16 hrs</td><td>8 hrs</td><td>6 hrs</td><td>5 hrs</td><td>3hrs</td></tr><tr><td>Max.</td><td colspan="6">unlimited</td></tr></tbody></table>	Substrate temp.	-5 °C	0 °C	10 °C	20 °C	30 °C	40 °C	Min.	24 hrs	16 hrs	8 hrs	6 hrs	5 hrs	3hrs	Max.	unlimited					
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Min.	24 hrs	16 hrs	8 hrs	6 hrs	5 hrs	3hrs																
Max.	unlimited																					
MIXING RATIO	Base : Hardener = 17 : 3 (by volume)																					
POT LIFE	2 hrs (20°C)																					
THINNER	No.736 PU Thinner																					
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. 0~2% (by bush and roller) 3~10% (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. Mix base and hardener according to the mixing ratio and stir thoroughly.2. Adhered water, grease and dust on substrate must be thoroughly clean.3. Steel; surface blast cleaned to ISO-Sa2½, roughness 30µ and above or water-jet to VIS WJ 2/3.4. Approved shop primer; sweep blasted or power tool cleaned to ISO SS St3.5. 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.6. Whilst application in the confine space, adequate ventilation must be maintenance.																					

EPDM3030751X V1.1

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