








<b>PRODUCT NAME :</b>	<b>PARALUX P111</b>				
<b>DESCRIPTION :</b>	A two component zinc rich epoxy anti-corrosive primer.				
<b>RECOMMENDED USE :</b>	Designed to be an anti-corrosive protection of steel structures surfaces prepared by abrasive blast cleaning.				
<b>PERFORMANCE :</b>	<ul style="list-style-type: none"> <li>• Excellent anti-corrosive performance</li> <li>• Good resistance to moisture</li> <li>• Excellent resistance to weather</li> </ul>				
<b>PHYSICAL PROPERTIES</b>					
Volume Solids	47%				
Theoretical Coverage	6.25m <sup>2</sup> /litre @ 75 microns DFT				
Type	Two components				
Packing Ratio	3.75 litres Base : 1.25 litres Hardener				
Colour Availability	Grey				
Flash point	21°C (mixed)				
Recommended Thickness	75 microns DFT				
Recommended Thinner	Thinner No. 5				
<b>PRACTICAL APPLICATION RATES – microns per coat</b>	<i>Airless Spray</i>		<i>Brush</i>		
Dry	75		35		
Wet	160		74		
<b>AVERAGE DRYING TIME</b>					
	<i>Ambient Temperature</i>	<i>Touch Dry</i>	<i>Hard Dry</i>	<i>Overcoating Interval</i>	<i>PotLife</i>
				<i>Minimum</i>	<i>Maximum</i>
	15°C	10 minutes	4 hours	16 hours	Indefinite
	25°C	5 minutes	4 hours	16 hours	Indefinite
	35°C	5 minutes	4 hours	16 hours	Indefinite

<p>Packing Shelf Life</p>	<p>5 litres 12 months under normal condition.</p>
<p>SURFACE PREPARATION</p>	<p><u>Steel</u> Abrasive blast clean to a minimum standard of Sa2.5 (ISO8501-1:1988) or SSPC-SP10. Average surface profile of 30-75 microns is required. The surface to be coated must be clean and dry and free from all visible traces of surface contaminants. For repairing of galvanizing for small area, abrade the surface to a minimum standard of St3 (ISO8501-1:1988). Feathering off the edges of intact galvanizing surrounding such area and brush apply the primer. For large areas, it is recommended that the surface is flash blasted and the prime-applied by the desired method.</p>
<p>APPLICATION DATA Application methods Mixing ratio (by volume) Thinner  Airless Spray  Brush</p>	<p>Brush and Airless Spray. 3 parts Base to 1 part Hardener Thinner No. 5 (Maximum 5% addition)</p> <p>Nozzle Size : 0.46-0.53mm (18-21 thou) Fan Angle : 80° Operating Pressure : 155 kg/cm<sup>2</sup> (2200 psi)</p> <p>This product is suitable for brush application. Application of more than one coat may be necessary to give equivalent dry film thickness to a single spray applied coat.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Application method</p> </div> <div style="text-align: center;">  <p>80° spraying tip</p> </div> <div style="text-align: center;">  <p>Practice proper cleaning</p> </div> </div>
<p>APPLICATION CONDITIONS AND OVERCOATING</p>	<p>This product should preferably be applied at temperature in excess of 10°C. In conditions of high relative humidity i.e. 80-85%, good ventilation conditions are essential. Substrate temperature should be at least 3°C above the dew point. At application temperature below 10°C, drying and curing time will be significantly impaired. <b>Application at temperature below 5°C is not recommended.</b> The maximum air and substrate temperature for application is 40°C providing conditions allow satisfactory application and film formation. If the air and substrate temperature exceed 40°C and epoxy coatings are applied under this condition results paint film defects such as dry spray, bubbling and pinholing etc. can occur within the coating. In order to achieve optimum water and chemical resistance, temperature needs to be maintained above 10°C during curing. If it is desired to overcoat outside the times stated on the data sheet, please seek advice from Kansai Coatings Malaysia representative.</p>
<p>HEALTH AND SAFETY</p>	<p>Consult Chemical Safety Data Sheet for information on safe handling and application of this product</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Keep sealed</p> </div> <div style="text-align: center;">  <p>Secure upright</p> </div> <div style="text-align: center;">  <p>Wear proper protection</p> </div> <div style="text-align: center;">  <p>Practice proper disposal</p> </div> </div>

For further information on Product Data, please contact:  
Protective Coatings Sales Department  
Kansai Paint Asia Pacific Sdn Bhd. (705919-W)  
4 Solok Waja 2, Kawasan Perindustrian Bukit Raja, 41710 Klang, Selangor, Malaysia.  
Tel: 6(03) 3362 2388 Fax: 6(03) 3342 7223

**DISCLAIMER:**

The information in this sheet is provided to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond the manufacturer's control, it is the sole responsibility of the buyer to obtain confirmation from the manufacturer on the suitability of the product for the intended use. Therefore, the manufacturer can accept no liability for the performance of the product, or any loss or damage arising out of such use. The information detailed in this data sheet is subject to change without notice in light of experience and of normal product development.