








PRODUCT NAME :	PARALUX P505				
DESCRIPTION :	A two component epoxy zinc phosphate anti-corrosive shop primer.				
RECOMMENDED USE :	<p>Designed to be a temporary protection of steel structures surfaces prepared by abrasive blast cleaning.</p> <p>Suitable for use in conjunction with cathodically protected blast cleaning.</p> <p>Suitable for welding and fabrication and for overcoating with most paints in common except high content metallic zinc products.</p> <p>As a sealer for aluminium and zinc metal spray surfaces.</p> <p>As a blast primer for use over stainless steel.</p>				
PERFORMANCE :	<ul style="list-style-type: none"> • Easy handling and application properties • Good resistance to moisture • Moderate resistance to abrasion • Good resistance to weather 				
PHYSICAL PROPERTIES:					
Volume Solids	28%				
Theoretical Coverage	11.2 m ² /litre @ 25 microns DFT				
Type	Two components				
Packing Ratio	4 litres Base : 1 litre Hardener				
Colour Availability	Red Oxide and selected range.				
Flash point	24°C (mixed)				
Recommended Thickness	25 microns DFT				
Recommended Thinner	Thinner No. 5				
PRACTICAL APPLICATION RATES – microns per coat	<i>Airless Spray</i>	<i>Conventional Spray</i>	<i>Brush</i>	<i>Roller</i>	
Dry	25	25	25	20	
Wet	89	89	89	71	
AVERAGE DRYING TIME					
	<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	30 minutes	4 hours	10 days
	25°C	5 minutes	20 minutes	3 hours	7 days
	35°C	3 minutes	15 minutes	2 hours	4 days

<p>Packing Shelf Life</p>	<p>5 litres and 20 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 30-50 microns is acceptable but should not exceed 75 microns. The surface to be coated must be clean and dry and free from all visible traces of surface contaminants.</p>
<p>APPLICATION DATA Application methods Mixing ratio (by volume) Thinner Airless Spray Conventional Spray Brush/Roller</p>	<p>Brush/Roller, Airless Spray and Conventional Spray. 4 parts Base to 1 part Hardener Thinner No. 5 (for cleaning only)</p> <p>Nozzle Size : 0.38mm (18 thou) Fan Angle : 65° Operating Pressure 155 kg/cm² (2200 psi)</p> <p>Nozzle Size : 1.27mm (50 thou) Atomising Pressure : 3.5 kg/cm² (50 psi) Fluid Pressure : 1.0 kg/cm² (15 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>65° 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. Application at temperature below 5°C is not recommended. 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 seal tight</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
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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.