








PRODUCT NAME :	PARALUX 4HG																														
DESCRIPTION :	A two component epoxy coating specially formulated to provide an attractive high gloss and durable finish.																														
RECOMMENDED USE :	Designed to provide a durable finish for brush or roller application for interior or exterior use in conjunction with appropriate primers and undercoats. A high gloss finish for steelwork or non-ferrous substrates, suitable as tank lining for aviation fuel tanks and as a colourful topcoat for flooring system.																														
PERFORMANCE :	<ul style="list-style-type: none"> • Excellent gloss and colour retention for interior application • High resistance to impact and abrasion • Easy application property • Excellent adhesion to aged epoxy coating • Resistance to spillage or splashes of mild chemicals • Able to withstand dry heat up to 100°C continuous and 120°C intermittent • Most suitable for use as a finish coat or coats with epoxy and polyurethane based protective system 																														
PHYSICAL PROPERTIES																															
Volume Solids	50%																														
Theoretical Coverage	10 m ² /litre @ 50 microns DFT																														
Type	Two components																														
Packing Ratio	3.75 litres Base : 1.25 litre Hardener																														
Colour Availability	Selected Range																														
Flash point	30°C (mixed)																														
Recommended Thickness	50 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	50	50	25	50																											
Wet	100	100	50	100																											
AVERAGE DRYING TIME	<table border="1"> <thead> <tr> <th rowspan="2">Ambient Temperature</th> <th rowspan="2">Touch Dry</th> <th rowspan="2">Hard Dry</th> <th colspan="2">Overcoating Interval</th> <th rowspan="2">PotLife</th> </tr> <tr> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>15°C</td> <td>2 hours</td> <td>12 hours</td> <td>12 hours</td> <td>10 days</td> <td>6 hours</td> </tr> <tr> <td>25°C</td> <td>1 hours</td> <td>6 hours</td> <td>6 hours</td> <td>5 days</td> <td>4 hours</td> </tr> <tr> <td>35°C</td> <td>0.5 hours</td> <td>4 hours</td> <td>4 hours</td> <td>3 days</td> <td>3 hours</td> </tr> </tbody> </table>					Ambient Temperature	Touch Dry	Hard Dry	Overcoating Interval		PotLife	Minimum	Maximum	15°C	2 hours	12 hours	12 hours	10 days	6 hours	25°C	1 hours	6 hours	6 hours	5 days	4 hours	35°C	0.5 hours	4 hours	4 hours	3 days	3 hours
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<p>Packing Shelf Life</p>	<p>5 litres and 20 litres 12 months under normal condition</p>
<p>SURFACE PREPARATION</p>	<p>The surface to be coated must be clean and dry and free from all visible traces of surface contaminants. Always ensure the maximum overcoating time for the primer/build coat does not exceed prior to application.</p>
<p>APPLICATION DATA Application methods</p> <p>Mixing ratio (by volume) Thinner</p> <p>Airless Spray</p> <p>Conventional Spray</p> <p>Brush/Roller</p>	<p>Airless Spray and Conventional Spray. Brush may be used for smaller area.</p> <p>3 parts Base to 1 part Hardener Thinner No. 5 (Maximum 5% addition)</p> <p>Nozzle Size : 0.28-0.38mm (11-15 thou) Fan Angle : 65° Operating Pressure : 130-160 kg/cm² (1800-2300 psi)</p> <p>Nozzle Size : 1.27mm (50 thou) Atomising Pressure : 2.8 kg/cm² (40 psi) Fluid Pressure : 0.4 kg/cm² (6 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. 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 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:
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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.