

PRODUCT NAME :	PARALUX 5																														
DESCRIPTION :	<i>A high build epoxy polyamide combined with coal tar that has good compatibility with cathodic protection.</i>																														
RECOMMENDED USE :	<i>Designed to provide protection of steel/concrete pipelines for harbour and shore installations. An anti-corrosive protection coating for submerged and semi-submerged marine environment application areas : piling, jetties and dock gates. Also used as internal tank lining for crude oil storage tanks.</i>																														
PERFORMANCE :	<ul style="list-style-type: none"> • Excellent anti-corrosive property • Excellent resistance to moisture • Excellent resistance to crude oil immersion • Good resistance to chemicals, abrasion and weather • Most suitable use as a finish coating for surfaces in contact with fresh and salt water. 																														
PHYSICAL PROPERTIES:																															
Volume Solids	59 %																														
Theoretical Coverage	4.7 m ² /litre @ 125 microns DFT																														
Type	Two components																														
Packing Ratio	3.0 litres Base : 2.0 litres Hardener																														
Colour Availability	Black																														
Flash point	36°C (mixed)																														
Recommended Thickness	125 microns DFT																														
Recommended Thinner	Thinner No.5																														
PRACTICAL APPLICATION RATES – microns per coat	<i>Airless Spray</i>	<i>Brush</i>																													
	Dry	125		75																											
	Wet	212		127																											
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>8 hours</td> <td>24 hours</td> <td>24 hours</td> <td>3 days</td> <td>12 hours</td> </tr> <tr> <td>25°C</td> <td>4 hours</td> <td>16 hours</td> <td>16 hours</td> <td>3 days</td> <td>6 hours</td> </tr> <tr> <td>35°C</td> <td>2 hours</td> <td>8 hours</td> <td>8 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	8 hours	24 hours	24 hours	3 days	12 hours	25°C	4 hours	16 hours	16 hours	3 days	6 hours	35°C	2 hours	8 hours	8 hours	3 days	3 hours
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Packing	5 litres and 20 litres
Shelf Life	12 months under normal condition
SURFACE PREPARATION	<p><u>Steel</u> Remove all wax, oil and grease by solvent cleaning in accordance with the guideline given by SSPC-SP1. When necessary remove weld spatter and round off all rough weld seams and sharp edges to a smooth surface. Abrasive blast clean to a minimum Sa2.5 of ISO8501-1:1988. Any surface defects revealed by blast cleaning should be grounded, filled or treated in a suitable manner. An average surface profile of 50 microns is acceptable but this average surface profile should not exceed 75 microns. After blasting, all dust must be removed from the surface prior to coating application. Notes: This product should be applied to a surface that has been blast cleaned. It can be applied either directly to steel or to a suitably primed surface.</p> <p><u>Concrete</u> To ensure the surface is sound prior to coating. Remove laitance by thorough wire-brushing, acid etching or sweep blasting. Blowholes and other defects should be filled with solventless epoxy filler. This product may be applied direct to the clean sound concrete surface providing the first coat is thinned.</p> <p><u>Aluminium</u> The surface should be degreased and abraded with thinner and wet or dry sand paper before the application of epoxy primer Paralux 61 or Par Wash Primer. If the primer shows signs of breakdown then a full sweep blast may be required prior to coating application.</p>
APPLICATION DATA	<p>Application methods Mixing ratio (by volume) Thinner Thinner Consumption</p> <p>Brush and Airless Spray 3 parts Base to 2 parts hardener Thinner No. 5 (maximum 5% addition) Brush – 0-5% Airless Spray – 0-5%</p> <p>Airless Spray Nozzle Size : 0.53-0.66mm (21-26 thou) Fan Angle : 80° Operating Pressure : 155 kg/cm² (2200 psi)</p> <p>Brush This product is suitable for brush application. Application of minimum two coats to give an even application and ensure consistent performance.</p>
APPLICATION CONDITIONS AND OVERCOATING	<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 the optimum water and chemical resistance, temperature required 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>
HEALTH AND SAFETY	<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;"> <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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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.