

PRODUCT NAME :	PARALUX M829HS																														
DESCRIPTION :	A two component high build epoxy coating.																														
RECOMMENDED USE :	Designed to be a high build intermediate coat or finish coat for the protection of steel and concrete in aggressive conditions. Suitable for application to pipelines, harbour and shore installations and tank externals.																														
PERFORMANCE :	<ul style="list-style-type: none"> • Excellent anti-corrosive performance • Excellent resistance to moisture • Excellent resistance to petroleum solvents and aliphatic solvents • Good resistance to corrosive chemicals • Excellent resistance to abrasion • Excellent resistance to weather 																														
PHYSICAL PROPERTIES																															
Volume Solid	77%																														
Theoretical Coverage	5.15 m ² /litre @ 150 microns																														
Coverage Type	DFT Two components																														
Packing Ratio	1 litre Base : 1 litre																														
Colour Availability	Hardener Selected colour																														
Flash point	range. 28°C (Mixed)																														
Recommended Thickness	150 microns DFT																														
Recommended Thinner	Thinner No. 2																														
PRACTICAL APPLICATION RATES – microns per coat	<i>Airless Spray</i>	<i>Conventional Spray</i>	<i>Brush</i>	<i>Roller</i>																											
Dry	150	150	50	65																											
Wet	194	194	65	84																											
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>Overcoating Interval</th> <th colspan="2" rowspan="2">PotLife</th> </tr> <tr> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>15°C</td> <td>6 hours</td> <td>32 hours</td> <td>32 hours</td> <td>Indefinite</td> <td>12 hours</td> </tr> <tr> <td>25°C</td> <td>3 hours</td> <td>16 hours</td> <td>16 hours</td> <td>Indefinite</td> <td>6 hours</td> </tr> <tr> <td>35°C</td> <td>2 hours</td> <td>12 hours</td> <td>12 hours</td> <td>Indefinite</td> <td>3 hours</td> </tr> </tbody> </table>					Ambient Temperature	Touch Dry	Hard Dry	Overcoating Interval	PotLife		Minimum	Maximum	15°C	6 hours	32 hours	32 hours	Indefinite	12 hours	25°C	3 hours	16 hours	16 hours	Indefinite	6 hours	35°C	2 hours	12 hours	12 hours	Indefinite	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><u>Steel</u> Remove all wax, oil and grease by solvent cleaning in accordance with the guidelines given by SSPC-SP1. Abrasive blast clean to a minimum standard of Sa2.5 (ISO8501-1:1988) or SSPC-SP10. Average surface profile of 50-75 microns is required. The surface to be coated must be clean and dry and free from all visible traces of surface contaminants.</p> <p><u>Aluminium</u> The surface to be coated should be degreased and abraded with Thinner No.5 and wet-or-dry paper before application of recommended primers.</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.</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. 1 parts Base to 1 part Hardener Thinner No. 2 (Maximum 5% addition)</p> <p>Nozzle Size : 0.48-0.58mm (19-23 thou) Fan Angle : 80° Operating Pressure : 110-160 kg/cm² (1600-2300 psi)</p> <p>Nozzle Size : 1.27mm (50 thou) Atomising Pressure : 3.5 kg/cm² (50 psi) Fluid Pressure : 1.1 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>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. 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. 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
Kansai Paint Asia Pacific Sdn Bhd. (705919-W)
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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.