








KANSAI PAINT

PARALUX 15HB

Epoxy High Build Amine Adduct

PRODUCT NAME :	PARALUX 15HB																														
DESCRIPTION :	A two component high build chemically resistant amine adduct cured epoxy coating.																														
RECOMMENDED USE :	<p>Designed to provide an internal tank lining suitable for use with wide spectrum of chemicals. As a non-toxic chemical resistant finish coat in the food and chemical industries. Suitable for use in contact with potable water.</p> <p>As an anti-corrosive build coat for steel structural in mild to aggressive environments. Also suitable for application on concrete for chemical resistant floorings.</p>																														
PERFORMANCE :	<ul style="list-style-type: none"> • Easy application property • Excellent resistance to moisture • Excellent resistance to mild chemicals • Good resistance to abrasion 																														
PHYSICAL PROPERTIES:																															
Volume Solids	56%																														
Theoretical Coverage	4.48 m ² /litre @ 125 microns DFT																														
Type	Two components																														
Packing Ratio	3.75 litres Base : 1.25 litres Hardener																														
Colour Availability	White and limited colour range.																														
Flash point	30°C (mixed)																														
Recommended Thickness	125 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	125	125	50	60																											
Wet	223	223	89	107																											
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>5 hours</td> <td>32 hours</td> <td>32 hours</td> <td>10 days</td> <td>12 hours</td> </tr> <tr> <td>25°C</td> <td>3 hours</td> <td>24hours</td> <td>24hours</td> <td>7 days</td> <td>8 hours</td> </tr> <tr> <td>35°C</td> <td>2 hours</td> <td>16 hours</td> <td>20 hours</td> <td>5 days</td> <td>5 hours</td> </tr> </tbody> </table>					Ambient Temperature	Touch Dry	Hard Dry	Overcoating Interval		PotLife	Minimum	Maximum	15°C	5 hours	32 hours	32 hours	10 days	12 hours	25°C	3 hours	24hours	24hours	7 days	8 hours	35°C	2 hours	16 hours	20 hours	5 days	5 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>This product should be applied to a surface that has been blast clean and suitably primed. Steel Remove all wax, oil and grease by solvent cleaning in accordance with the guideline given by SSPC-SP1. Abrasive blast clean to a minimum standard of Sa2.5 (ISO8501-1:1988) or SSPC-SP10. An average surface profile of 50-75 microns is required. Ensure surfaces to be coated are 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>Airless or conventional spray. Brush may be used for smaller area. 3 parts Base to 1 part Additive Thinner No. 5 (Maximum 5% addition)</p> <p>Nozzle Size : 0.43-0.53mm (17-21 thou) Fan Angle : 65° Operating Pressure : 110-160 kg/cm² (1600-2300 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</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 sea light</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.