

PRODUCT NAME :	PARATHERM 600																														
DESCRIPTION :	A single pack heat resistant finish formulated based on modified silicone resin pigmented with/without aluminium flake.																														
RECOMMENDED USE :	Designed to be a heat resistant finish coating for primed steel structures subjected to temperatures up to 600°C of industrial environments : petrochemical plants, power stations an offshore structures etc. Suitable for bot new construction and maintenance coating. To be overcoated with high resisting aluminium finish.																														
PERFORMANCE :	<ul style="list-style-type: none"> • Excellent heat resistant property • Good resistance to moisture • Good resistance to abrasion and weather 																														
PHYSICAL PROPERTIES																															
Volume Solids	49 %																														
Theoretical Coverage	19.6 m ² /litre @ 25 microns DFT																														
Type	One component																														
Packing Ratio	None																														
Colour Availability	Aluminium and selected colour range.																														
Flash point	38°C																														
Recommended Thickness	25 microns DFT																														
Recommended Thinner	Thinner No. 1																														
PRACTICAL APPLICATION RATES – microns per coat	<i>Airless Spray</i>	<i>Conventional Spray</i>	<i>Brush</i>	<i>Roller</i>																											
Dry	25	25	25	25																											
Wet	51	51	51	51																											
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>30 minutes</td> <td>2 hours*</td> <td>32 hours</td> <td>Indefinite</td> <td>32 hours</td> </tr> <tr> <td>25°C</td> <td>20 minutes</td> <td>1 hours*</td> <td>16 hours</td> <td>Indefinite</td> <td>24 hours</td> </tr> <tr> <td>35°C</td> <td>10 minutes</td> <td>1/2 hours*</td> <td>8 hours</td> <td>Indefinite</td> <td>16 hours</td> </tr> </tbody> </table>					Ambient Temperature	Touch Dry	Hard Dry	Overcoating Interval		PotLife	Minimum	Maximum	15°C	30 minutes	2 hours*	32 hours	Indefinite	32 hours	25°C	20 minutes	1 hours*	16 hours	Indefinite	24 hours	35°C	10 minutes	1/2 hours*	8 hours	Indefinite	16 hours
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*This product will cure only when the temperature is raised to above 200°C for a minimum of 5 hours, which is normally brought into service.																															

Packing Shelf Life	5 litres 12 months under normal condition
SURFACE PREPARATION	<p><u>Steel</u> This product is not designed to provide anti corrosive protection and it should be applied to abrasive blast cleaned surface that has been suitably primed. Remove all wax, oil and grease by solvent cleaning in accordance with the guideline given by SSPC-SP1. Steel structures coated with this product without primer or metal spray treatment should not be stored outside for prolonged periods prior to putting into service. The surface to be coated must clean and dry and free from all visible traces of surface contaminants.</p>
APPLICATION DATA	<p>Application methods Mixing ratio (by volume) Thinner Thinner Consumption</p> <p>Brush/Roller, Conventional Spray and Airless Spray None Thinner No. 1 Brush/Roller – 0-5% Conventional Spray – 5-10% Airless Spray – 0-5%</p>
Airless Spray	<p>Nozzle Size : 0.33-0.38mm (13-15 thou) Fan Angle : 65° Operating Pressure : 110-150 kg/cm² (1600-2100 psi)</p>
Conventional Spray	<p>Nozzle Size : 1.27mm (50 thou) Atomising Pressure : 3.5 kg/cm² (50 psi) Fluid Pressure : 0.7 – 1.0 kg/cm² (10-15 psi)</p>
Brush	This product is suitable for brush application.
Roller	This product is suitable for roller application.
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. 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; align-items: center;"> <div style="text-align: center;">  Keep seal tight </div> <div style="text-align: center;">  Secure upright </div> <div style="text-align: center;">  Wear proper protection </div> <div style="text-align: center;">  Practice proper disposal </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.