








PRODUCT NAME :	PARATHERM 16																														
DESCRIPTION :	An excellent anti corrosive zinc graphite heat resistant primer formulated based on modified silicone resin.																														
RECOMMENDED USE :	Designed to be a heat resistant primer for steel structures subjected to temperatures up to 600 °C of industrial environments : petrochemical plants, power stations an offshore structures etc. To be overcoated with high resisting aluminium finish. Capable of withstanding dry heat up to 600°C.																														
PERFORMANCE :	<ul style="list-style-type: none"> • Excellent anti-corrosive property • Excellent resistance to moisture • Excellent resistance to aliphatic solvents • Moderate resistance to corrosive chemicals • Excellent resistance to weather 																														
PHYSICAL PROPERTIES	<p>Volume Solids 53 %</p> <p>Theoretical Coverage 13.2 m²/litre @ 40 microns DFT</p> <p>Type Two component</p> <p>Packing Ratio 4.35 litres Base : 0.65 litres Zinc powder</p> <p>Colour Availability Grey</p> <p>Flash point 38°C</p> <p>Recommended Thickness 40 microns DFT</p> <p>Recommended Thinner Thinner No. 2</p>																														
PRACTICAL APPLICATION RATES – microns per coat		<i>Airless Spray</i>	<i>Conventional Spray</i>	<i>Brush</i>	<i>Roller</i>																										
	<i>Dry</i>	40	40	40	40																										
	<i>Wet</i>	75	75	75	75																										
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>15 minutes</td> <td>2 hours*</td> <td>32 hours</td> <td>Indefinite</td> <td>32 hours</td> </tr> <tr> <td>25°C</td> <td>10 minutes</td> <td>1 hours*</td> <td>16 hours</td> <td>Indefinite</td> <td>24 hours</td> </tr> <tr> <td>35°C</td> <td>5 minutes</td> <td>1/2 hours*</td> <td>8 hours</td> <td>Indefinite</td> <td>16 hours</td> </tr> </tbody> </table> <p>*This product will cure only when the temperature is raised to above 200°C for a minimum of 5 hours.</p>					Ambient Temperature	Touch Dry	Hard Dry	Overcoating Interval		PotLife	Minimum	Maximum	15°C	15 minutes	2 hours*	32 hours	Indefinite	32 hours	25°C	10 minutes	1 hours*	16 hours	Indefinite	24 hours	35°C	5 minutes	1/2 hours*	8 hours	Indefinite	16 hours
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Packing Shelf Life	5 litres 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. Abrasive blast clean to Sa2.5 (ISO8501-1:1988) or SSPC-SP10. An average surface profile in the range of 50-75 microns is acceptable. 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 4.35 parts Base to 0.65 part Zinc powder Thinner No. 2 Brush/Roller – 0-5% Conventional Spray – 5-10% Airless Spray – 0-5%</p>
Airless Spray	<p>Nozzle Size : 0.48-0.53mm (19-21 thou) Fan Angle : 80° Operating Pressure : 140-165 kg/cm² (2000-2400 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 method  80° spraying tip  Practice proper cleaning
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>  Keep sea tight  Secure upright  Wear proper protection  Practice proper disposal

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.