





# KANSAI PAINT

# PARATHERM 600 (A)

<b>PRODUCT NAME :</b>	<b>PARATHERM 600(A)</b>																								
<b>DESCRIPTION :</b>	Moisture curing heat resistant finish formulated based on modified silicone resin pigmented with/without aluminium flake. No heat cure necessary with additional additive to improve the hardness of paint film.																								
<b>RECOMMENDED USE :</b>	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, and offshore structures etc. Suitable for both new construction and maintenance coating. To be overcoated with high resisting aluminium finish.																								
<b>PERFORMANCE :</b>	<ul style="list-style-type: none"> <li>• Excellent heat resistant property</li> <li>• Good resistance to moisture</li> <li>• Good resistance to abrasion and weather</li> <li>• Good initial hardness of paint film by adding additive</li> </ul>																								
<b>PREPARING PARATHERM 600 (A) BEFORE APPLICATION</b>	<ol style="list-style-type: none"> <li>1.Stir Paratherm 600 thoroughly</li> <li>2. Add one container of “Paratherm 600 Additive” into one container of “ Paratherm 600 ” and stir thoroughly</li> <li>3. Dilute with designated Thinner No.1 as required.</li> <li>4.Use the paint within pot life</li> </ol>																								
<b>PHYSICAL PROPERTIES</b>																									
Volume Solids	49 %																								
Theoretical Coverage	19.6 m <sup>2</sup> /litre @ 25 microns DFT																								
Colour Availability	Aluminium and selected colour range.																								
Flash point	38 °C																								
Recommended Thickness	25 microns DFT																								
Recommended Thinner	Thinner No. 1																								
<b>PRACTICAL APPLICATION</b>	<i>Airless Spray</i>	<i>Conventional Spray</i>	<i>Brush</i>	<i>Roller</i>																					
– microns per coat	Dry 25	25	25	25																					
	Wet 51	51	51	51																					
<b>AVERAGE DRYING TIME</b>	<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 RATES Interval</th> <th rowspan="2">PotLife</th> </tr> <tr> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>25°C</td> <td>20 minutes</td> <td>3 hours</td> <td>16 hours</td> <td>Indefinite</td> <td>6 hours</td> </tr> <tr> <td>35°C</td> <td>10 minutes</td> <td>2 hours</td> <td>8 hours</td> <td>Indefinite</td> <td>3.5 hours</td> </tr> </tbody> </table>					Ambient Temperature	Touch Dry	Hard Dry	Overcoating RATES Interval		PotLife	Minimum	Maximum	25°C	20 minutes	3 hours	16 hours	Indefinite	6 hours	35°C	10 minutes	2 hours	8 hours	Indefinite	3.5 hours
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Packing	20 litres and 220g additive
Shelf Life	12 months under normal condition
<b>SURFACE PREPARATION</b>	<p><u>Steel</u></p> <p>Remove all wax, oil and grease by solvent cleaning in accordance with the guideline given by SSPC-SP1.</p> <p>This product is not designed to provide anti corrosive protection and it should be applied to abrasive blast clean to a minimum standard of Sa 2.5, and blasted surface must coated with suitable primer.</p> <p>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.</p> <p>The surface to be coated must clean and dry and free from all visible traces of surface contaminants.</p>
<b>APPLICATION DATA</b>	
Application methods	Brush/Roller, Conventional Spray and Airless Spray
Mixing ratio (by volume)	20L (BASE) : 220 GRAM (ADDITIVE)
Thinner	Thinner No. 1
Thinner Consumption	Brush/Roller – 0-5% Conventional Spray – 5-10% Airless Spray – 0-5%
Airless Spray	Nozzle Size : 0.33-0.38mm (13-15 thou) Fan Angle : 65° Operating Pressure : 110-150 kg/cm <sup>2</sup> (1600-2100 psi)
Conventional Spray	Nozzle Size : 1.27mm (50 thou) Atomising Pressure : 3.5 kg/cm <sup>2</sup> (50 psi) Fluid Pressure : 0.7 – 1.0 kg/cm <sup>2</sup> (10-15 psi)
Brush	This product is suitable for brush application.
Roller	This product is suitable for roller application.
	<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><b>APPLICATION CONDITIONS AND OVERCOATING</b></p>	<p><i>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.</i></p> <p><i>At application temperature below 10°C, drying and curing time will be significantly impaired.</i></p> <p><b>Application at temperature below 5°C is not recommended.</b></p> <p><i>If it is desired to overcoat outside the times stated on the data sheet, please seek advice from Kansai Coatings Malaysia representative.</i></p>
<p><b>HEALTH AND SAFETY</b></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: flex-end;"> <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 Coatings Malaysia Sdn Bhd. (705919-W)**

**4 Solok Waja 2, Kawasan Perindustrian Bukit Raja, 41710 Klang, Selangor, Malaysia.**

**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.*