








## Anti-Corrosive Red Oxide Primer

<b>PRODUCT NAME :</b>	<b>PARAPRIMER P13</b>																									
<b>DESCRIPTION :</b>	A single pack anti-corrosive red oxide alkyd based primer.																									
<b>RECOMMENDED USE :</b>	<p>Designed to use as anti-corrosive primer or maintenance coating for use in conventional alkyd coating systems.</p> <p>Excellent adhesion to steel and aged coatings.</p> <p>Can be applied to non-blast cleaned (ie hand and power tools cleaning) surfaces.</p> <p>Suitable as a primer for both interior and exterior exposed steel.</p> <p>Capable of withstanding dry heat up to 90°C.</p>																									
<b>PERFORMANCE :</b>	<ul style="list-style-type: none"> <li>• Easy application property.</li> <li>• Good anti-corrosive property</li> <li>• Good resistance to moisture</li> <li>• Moderate resistance to aliphatic solvents</li> <li>• Good resistance to abrasion and weather</li> </ul>																									
<b>PHYSICAL PROPERTIES</b>	<p>Volume Solids 40 %</p> <p>Theoretical Coverage 12-15 m<sup>2</sup>/litre @ 30 microns DFT</p> <p>Type One component</p> <p>Packing Ratio None</p> <p>Colour Availability Red Oxide.</p> <p>Flash point 33°C</p> <p>Recommended Thickness 30 microns DFT</p> <p>Recommended Thinner Thinner No. 1</p>																									
<b>PRACTICAL APPLICATION RATES – microns per coat</b>	<i>Airless Spray</i>	<i>Conventional Spray</i>	<i>Brush</i>	<i>Roller</i>																						
Dry	30	30	30	30																						
Wet	75	75	75	75																						
<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 Interval</th> </tr> <tr> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>15°C</td> <td>2 hours</td> <td>16 hours</td> <td>24 hours</td> <td>Indefinite</td> </tr> <tr> <td>25°C</td> <td>1 hour</td> <td>12 hours</td> <td>16 hours</td> <td>Indefinite</td> </tr> <tr> <td>35°C</td> <td>40 minutes</td> <td>8 hours</td> <td>12 hours</td> <td>Indefinite</td> </tr> </tbody> </table>				Ambient Temperature	Touch Dry	Hard Dry	Overcoating Interval		Minimum	Maximum	15°C	2 hours	16 hours	24 hours	Indefinite	25°C	1 hour	12 hours	16 hours	Indefinite	35°C	40 minutes	8 hours	12 hours	Indefinite
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Packing Shelf Life	5 litres and 20 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. Soluble salt, dirt and dust must be removed prior to coating, Dry brushing should be sufficient. A fresh water wash must be followed to remove all soluble salts. Mechanically clean the surface using hand and power tools to a minimum standard of St.2(ISO8501-1:1988) or SSPC-SP2 to avoid polishing the surface.</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 – 0-5% Conventional Spray – 5-10% Airless Spray – 0-5%</p>
Airless Spray	<p>Nozzle Size : 0.43-0.54mm (17-21 thou) Fan Angle : 40° Operating Pressure : 110-150 kg/cm<sup>2</sup> (1600-2100 psi)</p>
Conventional Spray	<p>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)</p>
Brush	This product is suitable for brush application.
Roller	This product is suitable for roller application.
	 Application method  40° 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. <b>Application at temperature below 5°C is not recommended.</b> 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 seal tight  Secure upright  Wear proper protection  Practice proper disposal

For further information on Product Data, please contact: Projective Coatings Sales Department  
Kansai Paint Asia Pacific Sdn Bhd. (705919-W)  
4 Solok Waja 2, Kawasan Perindustrian Bukit Raja, 41710 Klang, Selangor, Malaysia. Tel: 6(03) 3362 2388 Fax: 6(03) 3342 7223

**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.