






Anti-Corrosive Zinc Phosphate Primer

PRODUCT NAME :	PARAPRIME P14																									
DESCRIPTION :	A high build single pack quick drying alkyd anti-corrosive primer pigmented with zinc phosphate and micaceous iron oxide pigment with dry heat resistance up to 200 °C.																									
RECOMMENDED USE :	<p>Designed to use a post fabrication primer in new construction for either conventional or chlorinated rubber systems.</p> <p>Suitable as a primer for both interior or exterior conditions in moderately aggressive environments.</p> <p>Can be applied as surface tolerant alkyd primer to most surfaces. Capable of withstanding dry heat up to 200°C.</p>																									
PERFORMANCE :	<ul style="list-style-type: none"> • Excellent anti-corrosive property • Good resistance to moisture • Moderate resistance to aliphatic solvents • Good resistance to abrasion and weather 																									
PHYSICAL PROPERTIES	<p>Volume Solids Theoretical 47 %</p> <p>Coverage Type 6.3 m²/litre @ 75 microns</p> <p>Packing Ratio DFT One component</p> <p>Colour Availability None</p> <p>Flash point Natural Red Oxide or green. 36 °C</p> <p>Recommended Thickness 75 microns DFT</p> <p>Recommended Thinner Thinner No. 1</p>																									
PRACTICAL APPLICATION RATES – microns per coat	<i>Airless Spray</i>	<i>Conventional Spray</i>	<i>Brush</i>	<i>Roller</i>																						
Dry	75	75	30	30																						
Wet	160	160	64	64																						
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> </tr> <tr> <th>Minimum</th> <th>Maximum</th> </tr> </thead> <tbody> <tr> <td>15°C</td> <td>2 hours</td> <td>24 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>½ hour</td> <td>6 hours</td> <td>8 hours</td> <td>Indefinite</td> </tr> </tbody> </table>				Ambient Temperature	Touch Dry	Hard Dry	Overcoating Interval		Minimum	Maximum	15°C	2 hours	24 hours	24 hours	Indefinite	25°C	1 hour	12 hours	16 hours	Indefinite	35°C	½ hour	6 hours	8 hours	Indefinite
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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. 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 Application methods Mixing ratio (by volume) Thinner Thinner Consumption	<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/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 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. 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
 Kansai Paint Asia Pacific Sdn Bhd. (705919-W)
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 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.