

Anti-Corrosive Zinc Phosphate Primer

| PRODUCT NAME : | PARAPRIME P15 | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------------------|---------------------------|--------------|---------------|---------------------|-----------|----------|----------------------|--|---------|---------|------|---------|----------|----------|------------|------|---------|----------|----------|------------|------|--------|---------|---------|------------|
| DESCRIPTION : | A single pack alkyd anti-corrosive primer pigmented with zinc phosphate. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RECOMMENDED USE : | <p>Designed to use an anti-corrosive primer or maintenance coating for use in conventional alkyd coating systems.</p> <p>Suitable as a primer for both interior and exterior exposed steel.</p> <p>Can be applied to non-blast cleaned (i.e hand and power tools cleaning) surfaces.</p> <p>Capable of withstanding dry heat up to 90°C.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PERFORMANCE : | <ul style="list-style-type: none"> • Excellent anti-corrosive property • Excellent adhesion to steel and aged coatings. • Good resistance to moisture • Moderate resistance to aliphatic solvents • Good resistance to abrasion and weather | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHYSICAL PROPERTIES : | <p>Volume Solids 57 %</p> <p>Theoretical Coverage 13-15 m²/litre @ 35 microns DFT</p> <p>Type One component</p> <p>Packing Ratio None</p> <p>Colour Availability Grey Green.</p> <p>Flash point 26°C</p> <p>Recommended Thickness 35 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> | | | | | | | | | | | | | | | | | | | | | | |
| | <i>Dry</i> | 35 | 35 | 35 | 35 | | | | | | | | | | | | | | | | | | | | | | |
| | <i>Wet</i> | 62 | 62 | 62 | 62 | | | | | | | | | | | | | | | | | | | | | | |
| 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>4 hours</td> <td>24 hours</td> <td>24 hours</td> <td>Indefinite</td> </tr> <tr> <td>25°C</td> <td>2 hours</td> <td>12 hours</td> <td>16 hours</td> <td>Indefinite</td> </tr> <tr> <td>35°C</td> <td>1 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 | 4 hours | 24 hours | 24 hours | Indefinite | 25°C | 2 hours | 12 hours | 16 hours | Indefinite | 35°C | 1 hour | 6 hours | 8 hours | Indefinite |
| Ambient Temperature | Touch Dry | Hard Dry | Overcoating Interval | | | | | | | | | | | | | | | | | | | | | | | | |
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| Packing | 5 litres and 20 litres |
| Shelf Life | 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 Brush/Roller, Conventional Spray and Airless Spray Mixing ratio (by volume) Thinner None Thinner No. 1 Thinner Consumption 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 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>  |

For further information on Product Data, please contact:
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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.