


Two Pack Bitumenous Primer / Finish

PRODUCT NAME :	PARAPEX NO. 1																												
DESCRIPTION :	A two component black bitumen coating that provides excellent anti-corrosion property for "Hot-Wet" metal surfaces subjected to very high temperature.																												
RECOMMENDED USE	Designed to provide continuous immersion in water or steam between 93 °C to 540°C. Anti-corrosive coating for boiler drums, tubes, evaporators and other equipment subjected to high temperature.																												
PERFORMANCE :	<ul style="list-style-type: none"> • Excellent anti-corrosive property • Easy application property by brush, roller or spray • Good resistance to chemicals, abrasion and weather • Low permeability and waterproof to moisture and steam • Most suitable use as a finish coating for surfaces in contact with fresh or salt water. 																												
PHYSICAL PROPERTIES:																													
Volume Solids	40 %																												
Theoretical Coverage	10 m ² /litre @ 40 microns DFT																												
Type	Two components																												
Packing Ratio	4 parts medium : 1 part reducer																												
Colour Availability	Black																												
Flash point	38°C																												
Recommended Thickness	40 microns DFT																												
Recommended Thinner	Thinner No. 1																												
PRACTICAL APPLICATION Rates - microns per coat		<i>Airless Spray</i>	<i>Conventional Spray</i>	<i>Brush</i>	<i>Roller</i>																								
Dry		40	40	40	40																								
Wet		100	100	100	100																								
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>12 hours</td> <td rowspan="3">*See Below</td> <td>32 hours</td> <td>Indefinite</td> <td>14 days</td> </tr> <tr> <td>25°C</td> <td>6 hours</td> <td>16 hours</td> <td>Indefinite</td> <td>14 days</td> </tr> <tr> <td>35°C</td> <td>4 hours</td> <td>12 hours</td> <td>Indefinite</td> <td>14 days</td> </tr> </tbody> </table>					Ambient Temperature	Touch Dry	Hard Dry	Overcoating Interval		PotLife	Minimum	Maximum	15°C	12 hours	*See Below	32 hours	Indefinite	14 days	25°C	6 hours	16 hours	Indefinite	14 days	35°C	4 hours	12 hours	Indefinite	14 days
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*This coating will hard dry when the water temperature is taken to 100°C for 5 hours.																													

<p>Pack ing Shelf Life</p>	<p>5 litres 12 months under normal condition</p>
<p>SURFACE PREPARATION</p>	<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> <p><u>Concrete</u> To ensure the surface is sound prior to coating. Remove laitance by thorough wire - brushing, acid etching or sweep blasting. Blowholes and other defects should be filled.</p>
<p>APPLICATION DATA Application methods Mixing ratio (by volume) Thinner Airless Spray Conventional Spray Brush/Roller</p>	<p>Brush, Roller or Conventional spray. 4 parts Base to 1 part Reducer Thinner No. 1 (Maximum 5% addition)</p> <p>May be used. (Ensure no overapplication) Nozzle Size : 0.28-0.38mm (11-15 thou) Fan Angle : 65° Operating Pressure : 110-160 kg/cm² (1800-2300 psi)</p> <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> <p>This product is suitable for brush/roller application. Application of minimum two coats to give an even application and ensure consistent performance.</p> <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 spraying</p> </div> </div>
<p>APPLICATION CONDITIONS AND OVERCOATING</p>	<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. This product is not suitable when surface temperature is above 52°C. Use Parapex No.1 instead. Do not overcoat this product with other finishes as this product has the tendency to bleed and also not suitable for portable water tanks application. If it is desired to overcoat outside the times stated on the data sheet, please seek advice from Kansai Coatings Malaysia representative.</p>
<p>HEALTH AND SAFETY</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: center;"> <div style="text-align: center;">  <p>Keep sea 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
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Malaysia. Tel: 6(03) 3362 2388 Fax: 6(03) 3342 7223

* Practical coverage will vary according to the roughness and porosity of surface to be painted, the application method and condition, dry film thickness and the skill of applicator.

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.