








Polyurethane High Gloss Finish

PRODUCT NAME :	PARATHANE T814																														
DESCRIPTION :	<i>Parathane T814 is a high performance fast drying two-component polyurethane high gloss finish for use where long term exterior gloss and colour retention are required.</i>																														
RECOMMENDED USE :	<i>Designed to provide maximum outdoor durability with excellent colour and gloss retention properties for new structural steel or for maintenance in aggressive and corrosive environment. Excellent tolerance to low temperature curing conditions.</i>																														
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Excellent gloss and colour retention</i> • <i>Easy application property</i> • <i>Good resistance to chemicals, abrasion and weather</i> • <i>Most suitable for use as a finish coat or coats with epoxy and polyurethane based protective system</i> 																														
PHYSICAL PROPERTIES :	<p><i>Volume Solids</i> 50%</p> <p><i>Theoretical Coverage</i> 10 m²/litre @ 50 microns DFT</p> <p><i>Type</i> Two components</p> <p><i>Packing Ratio</i> 4 litres Base : 1 litre Hardener</p> <p><i>Colour Availability</i> Selected Range.</p> <p><i>Flash point</i> 30oC (mixed)</p> <p><i>Recommended Thickness</i> 50 microns DFT</p> <p><i>Recommended Thinner</i> Thinner No. 5</p>																														
PRACTICAL APPLICATION RATES – microns per coat	<i>Airless Spray</i>	<i>Conventional Spray</i>	<i>Brush</i>																												
<i>Dry</i>	50	50	25																												
<i>Wet</i>	100	100	50																												
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Packing Shelf Life	5 litres and 20 litres 12 months under normal condition
SURFACE PREPARATION	The surface to be coated must be clean and dry and free from all visible traces of surface contaminants.
APPLICATION DATA Application methods Mixing ratio (by volume) Thinner Airless Spray Conventional Spray Brush	Airless or conventional spray. Brush may be used for smaller area. 4 parts Base to 1 part Additive Thinner No. 5 (Maximum 5% addition) Nozzle Size : 0.33mm (13 thou) Fan Angle : 65° Operating Pressure : 140 kg/cm ² (2000 psi) Nozzle Size : 1.27mm (50 thou) Atomising Pressure : 3.5 kg/cm ² (50 psi) Fluid Pressure : 0.7 – 1.0 kg/cm ² (10-15 psi) This product is suitable for brush application. Application of more than one coat may be necessary to give equivalent dry film thickness to a single spray applied coat. <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Application method </div> <div style="text-align: center;">  65° spraying tip </div> <div style="text-align: center;">  Practice proper cleaning </div> </div>
APPLICATION CONDITIONS AND OVERCOATING	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. The maximum air and substrate temperature for application is 40°C providing conditions allow satisfactory application and film formation. In order to achieve optimum water and chemical resistance, temperature needs to be maintained above 10°C during curing. If it is desired to overcoat outside the times stated on the data sheet, please seek advice from Kansai Coatings Malaysia representative.
HEALTH AND SAFETY	Consult Chemical Safety Data Sheet for information on safe handling and application of this product <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  Keep seal tight </div> <div style="text-align: center;">  Secure upright </div> <div style="text-align: center;">  Wear proper protection </div> <div style="text-align: center;">  Practice proper disposal </div> </div>

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.