

PRODUCT NAME :	KANSAI PLC 650 HT
DESCRIPTION :	<i>KANSAI PLC 650 HT is a single component protective coating for high temperature services. The coating will withstand continuous high temperature exposure up to 540°C and surges up to 650°C. It exhibits excellent outdoor weathering properties and suitable for coastal and industrial environment.</i>
RECOMMENDED USE :	<i>KANSAI PLC 650 HT is recommended for protection of equipment exposed to high temperature like stacks, boiler, heat exchanger hot piping, mufflers, exhaust, furnace and etc. Generally used where temperature exceeds 260°C. To further enhance the corrosion protection properties, an inorganic zinc primer is highly recommended before application of KANSAI PLC 650 HT.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • Good abrasion resistance. • Temperature resistance up to 650°C • Withstand thermal shock from 530°C to 0°C • Adhesion – Excellent adhesion over steel. • Very good flexibility.
PHYSICAL PROPERTIES	
<i>FINISH</i>	<i>Semi-Gloss</i>
<i>COLOUR</i>	<i>Aluminium only</i>
<i>NO. OF COMPONENTS</i>	<i>One</i>
<i>VOLUME SOLIDS</i>	<i>30 %</i>
<i>RECOMMENDED THICKNESS</i>	<i>40 microns DFT per coat</i>
<i>TEORETICAL COVERAGE</i>	<i>133 microns WFT per coat</i>
<i>NO. OF COATS</i>	<i>7.5m²/litre @ 40 microns DFT</i>
<i>RECOMMENDED DRYING TIME</i>	<i>One to two coats</i>
<i>DRYING TIME</i>	<i>Touch dry : 1 hour</i>
	<i>Top coating : 3 hours</i>
<i>PACKING SIZE</i>	<i>5 litres & 20 litres</i>
<i>TEMPERATURE RESISTANCE (DRY)</i>	<i>Continuous : 530°C</i>
	<i>Non-continuous : 650°C</i>
LIMITATIONS	<i>KANSAI PLC 650 HT is not recommended for immersion service and chemical exposure.</i>
SURFACE PREPARATION	<p><i>Remove oil or grease from surface to be coated with clean rags soaked in KANSAI PLC Cleaner #72 in accordance with SSPC-SP1.</i></p> <p><i>For steel surfaces, apply over clean dry, recommended primer or tie coat. For maximum</i></p>

	<i>performance, an inorganic zinc primer is highly recommended.</i>
<i>MIXING</i>	<i>Power mix to uniform consistency before application.</i>
<i>THINNING</i>	<i>Thin not more than 10% by volume with KANSAI PLC Thinner #73 only when necessary for workability.</i>
<i>APPLICATION</i>	<i>Do not apply when surface temperature is less than 3°C above the dew point. KANSAI PLC 650 HT can be applied using conventional or airless spraying equipment. Spray in parallel passes and overlaps 50% with each pass of the gun. Excessive dry film thickness may affect the product performance.</i>
<i>DRYING</i>	<i>The paint film will touch dry in 1 hour but the drying time will be lengthened by excessive thickness. To ensure proper drying, always apply coating at recommended thickness. Film will remain soft until exposed to temperature in excess of 150°C whereupon it will develop a hard film.</i>
<i>CLEANING</i>	<i>Clean all application tools with KANSAI PLC Cleaner #72 immediately after use.</i>

For further information on Product Data, please contact:

Protective Coatings Sales Department

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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.