

PRODUCT NAME :	KANSAI PLC 118 ST
DESCRIPTION :	<i>KANSAI PLC 118 ST is a two-component surface tolerant anti-corrosion epoxy coating for steel and concrete surfaces. It is a self-priming coating for old and painted steel surfaces. It is highly recommended as a maintenance coating on rusty or painted surface where abrasive blasting is not possible. KANSAI PLC 118 ST can be top-coated with alkyd, acrylic, polyurethane, vinyl and other top-coats.</i>
RECOMMENDED USE :	<i>KANSAI PLC 118 ST is particularly recommended for new construction as well as maintenance painting of rusty steel or upgrading old coatings. Ideal for steel buildings, piping, machinery, equipment, bridges, tank and exposed structural steel. Excellent for waste water tank lining and corrosion protection for re-bars in structure repair works. One or two coats is required for most applications. Hand or power tool cleaning is acceptable for rusty surface.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Easy application - Applied by roller or spray.</i> • <i>Chemical resistance - resistant to wide range of industrial chemicals.</i> • <i>High build - can build up to 300 microns DFT in one coat.</i> • <i>Anti-corrosion - excellent protection properties for steel surfaces.</i> • <i>Surface tolerance – adhere well to surface with minimum surface preparation and old coatings.</i> • <i>Good adhesion - Adhere very well to almost any surface.</i> • <i>Self-priming - No primer required.</i>
PHYSICAL PROPERTIES	
FINISH	<i>Semi – gloss</i>
COLOUR	<i>Wide range of colors</i>
NO. OF COMPONENTS	<i>Two</i>
VOLUME SOLIDS	<i>85%</i>
MIXING RATIO	<i>1 part A to 1 part B by volume</i>
RECOMMENDED THICKNESS	<i>100 - 300 microns DFT per coat</i>
TEORETICAL COVERAGE	<i>118 microns WFT per coat</i>
NO. OF COATS	<i>8.5 m2/liter @ 100 microns DFT</i>
RECOMMENDED DRYING TIME	<i>One or Two.</i>
POT LIFE	<i>Touch dry : 3 hours Full cure : 7 days</i>
PACKING SIZE	<i>2 hours (varies with temperature)</i>
	<i>5 liters : Part A – 2.5 liters</i>
	<i>Part B – 2.5 liters</i>

	<p>20 liters: Part A – 10 liters</p> <p>Part B – 10 liters</p>
SURFACE PREPARATION	<p>Steel: The most recommended surface preparation method for anti-corrosion applications is abrasive blasting to SSPC-SP10 near white metal finish but for areas where abrasive blasting is not practical, KANSAI PLC 118 ST can be applied on power tool prepared surfaces.</p>
MIXING	<p>Mix Part A thoroughly then mix in Part B and mix till homogeneous. Do not mix more materials than the quantity to be consumed within the pot life.</p>
THINNING	<p>Thin not more than 10% by volume with KANSAI PLC Thinner #73 only when necessary for workability</p>
APPLICATION	<p>KANSAI PLC 118 ST can be applied by roller, brush, conventional spray and airless spray. For steel surfaces, do not apply when the surface temperature is less than 3°C above the dew point. Apply by roller using parallel passes in one direction.</p>
CLEANING	<p>Clean all application tools with KANSAI PLC Cleaner #72 immediately after use.</p>

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.