

PRODUCT NAME :	KANSAI PLC 118 LV
DESCRIPTION :	<i>KANSAI PLC 118 LV is two-component high solids epoxy coating. It is designed for coating concrete and mineral surfaces.</i>
RECOMMENDED USE :	<i>KANSAI PLC 118 LV is particularly recommended for coating concrete floor, tank lining, plastered wall and sealer coat over epoxy mortar.</i>
NOT RECOMMENDED FOR :	<i>Immersion service or long exposure to strong acids, alkali or solvents.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Easy application - Applied by roller.</i> • <i>Chemical resistance - resistant to wide range of industrial and cleaning chemicals.</i> • <i>Abrasion resistance - can withstand light to moderately heavy traffic on floor.</i> • <i>High build - can build up to 200 microns in one coat.</i> • <i>Good adhesion - Adhere very well to almost any surface.</i> • <i>Self-priming - No primer required.</i> • <i>Road Marking - Durable marking for roads and parking area.</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>200 microns DFT</i>
TEORETICAL COVERAGE	<i>4.25m²/liter @ 200 microns DFT</i>
NO. OF COATS	<i>One or Two</i>
RECOMMENDED DRYING TIME	<i>Touch dry : 3 hours</i> <i>Open for traffic : 24 hours</i> <i>Full cure : 7 days</i>
POT LIFE	<i>2 hours (varies with temperature)</i>
PACKING SIZE	<i>5 liters : Part A – 2.5 liters</i> <i>Part B – 2.5 liters</i> <i>20 liters: Part A – 10 liters</i> <i>Part B – 10 liters</i>
TEMPERATURE	<i>Continuous : 93°C</i>
RESISTANCE (DRY)	<i>Non-continuous : 120°C</i>

CHEMICAL RESISTANCE GUIDE	<i>Exposure</i>	<i>Splash & Spillage</i>	<i>Fumes</i>
	<i>Acids</i>	<i>Good</i>	<i>Excellent</i>
	<i>Alkali</i>	<i>Good</i>	<i>Excellent</i>
	<i>Solvents</i>	<i>Good</i>	<i>Very Good</i>
	<i>Salt water</i>	<i>Excellent</i>	<i>Excellent</i>
	<i>Water</i>	<i>Excellent</i>	<i>Excellent</i>

<i>SURFACE PREPARATION</i>	Concrete : <i>Remove oil or grease from surface to be coated with proper water-based degreaser. New concrete shall be allowed to cure for at least 28 days prior to application of the coating.</i>
<i>MIXING</i>	<i>Mix component A thoroughly then mix in component B and mix till homogeneous. Do not mix more materials than the quantity to be consumed within the pot life.</i>
<i>THINNING</i>	<i>Thin not more than 10% by volume with KANSAI PLC Thinner #73 for workability.</i>
<i>APPLICATION</i>	<i>KANSAI PLC 118 LV can be applied by roller, brush, conventional spray and airless spray. Apply by roller using parallel passes in one direction. For rougher texture, roll with a texture roller after the application of materials.</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.