

PRODUCT NAME :	KANSAI PLC 228 TL
DESCRIPTION :	<i>KANSAI PLC 228 TL is a two-component amine-adduct cured epoxy coating suitable to be used for lining against corrosive chemicals.</i>
RECOMMENDED USE :	<i>KANSAI PLC 228 TL is a high build, cost effective, tank lining for concrete and steel tanks. It is the ideal choice for interior lining to protect tanks or other storage vessels containing corrosive chemicals or to maintain product purity. It is also suitable to be used as a protective floor coating for food, pharmaceutical and other chemical industries against attacked by corrosive chemicals.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Easy application – Can be applied by roller brush or spray.</i> • <i>Chemical resistance - resistant to wide range of corrosive chemicals.</i> • <i>Abrasion resistance - can withstand light to moderately heavy traffic when applied on the floor.</i> • <i>High build - can build up to 150 microns in one coat.</i> • <i>Anti-corrosion - excellent protection properties for steel surfaces.</i> • <i>Good adhesion - Adhere very well to steel and concrete surfaces.</i> • <i>Self-priming - No primer required.</i>
PHYSICAL PROPERTIES	
<i>FINISH</i>	<i>Matt</i>
<i>NO. OF COMPONENTS</i>	<i>Two</i>
<i>VOLUME SOLIDS</i>	<i>65 %</i>
<i>MIXING RATIO</i>	<i>4 part A to 1 part B by volume</i>
<i>RECOMMENDED THICKNESS</i>	<i>150 microns DFT per coat</i>
<i>TEORETICAL COVERAGE</i>	<i>230 microns WFT per coat</i>
<i>NO. OF COATS</i>	<i>4.3 m²/litre @ 150 microns DFT</i>
<i>RECOMMENDED DRYING TIME</i>	<i>Two or three coats</i>
	<i>Touch dry :3 hours</i>
	<i>Between coats :12 hours</i>
	<i>Immersion :7 days</i>
<i>POT LIFE</i>	<i>2 hours</i>
<i>PACKING SIZE</i>	<i>5 litres : Part A – 4 litres</i>
	<i>Part B – 1 litre</i>
	<i>20 litres: Part A – 16 litres</i>
	<i>Part B – 4 litres</i>

**TEMPERATURE
RESISTANCE (DRY)**

i) Continuous :93°C

For fuel gas (sweet and sour), crude/condensate (sweet and sour), emulsion or slop, light naphtha, heavy naphtha, treated naphtha, reformate, jet A-1 fuel, lube oil, fuel oil, gasoline (unleaded and leaded), diesel, potable water (drinking or aerated or non-aerated) water, sea water (aerated or non-aerated) produced water, brackish, demineralized water and brine.

ii) Non-continuous :120°C

**CHEMICAL RESISTANCE
GUIDE**

Exposure	Splash & Spillage	Immersion
Mineral Acids	Excellent	Good
Alkali	Excellent	Excellent
Solvents	Excellent	Good
Salt water	Excellent	Excellent
Water	Excellent	Excellent

SURFACE PREPARATION

Remove oil or grease from surface to be coated with clean rags soaked in KANSAI PLC Cleaner #72 in accordance with SSPC-SP1.

Steel

-Dry abrasive blasting to near white metal finish in accordance with ISO Sa2 ½ with 50 to 75 microns blast profile. Weld slag must be removed and weldments ground to a round contour.

Concrete

- New concrete shall be allowed to cure for at least 28 days prior to application of the coating. Surface must be sound, clean, dry and free from contamination and disintegrated or chalky materials. Surface profile shall be at least medium grit sandpaper roughness to achieve good adhesion. Voids in the concrete may require surfacing or patching with appropriate materials prior to application.

MIXING

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.

THINNING

Thin not more than 10% by volume with KANSAI PLC Thinner #72 only when necessary for workability.

APPLICATION

For steel surface, do not apply when the surface temperature is less than 3°C above the dew point. Stripe-coat with the properly prepared welds before start spraying. Apply by roller using parallel passes in one direction. For rougher texture, roll with a texture roller after the application of materials.

CLEANING

Clean all application tools with KANSAI PLC Cleaner #72 immediately after use.

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.