

PRODUCT NAME :	KANSAI PLC 98 CTE
DESCRIPTION :	<i>KANSAI PLC 98 CTE is a two-component high solids coal tar epoxy coating suitable for old and new steel and concrete structures in immersion service. KANSAI PLC 98 CTE is the most economical and reliable protective coating for immersion and underground structures.</i>
RECOMMENDED USE :	<i>KANSAI PLC 98 CTE cures to form a hard but smooth finish that exhibits excellent chemical and abrasion resistance. This economical but effective coating is always recommended by anti-corrosion for lining of tanks, piping, trenches, sumps and also as a heavy duty maintenance coating for steel and concrete structures. KANSAI PLC 98 CTE is also highly recommended for protection of off-shore structures, marine installations, steel and concrete pilings and bridges.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Single coat application</i> • <i>Economical – the cheapest yet effective protective coating</i> • <i>Excellent chemical resistance – excellent resistance to both acidic and alkaline substances.</i> • <i>Excellent abrasion resistance.</i> • <i>Easy application – simple mixing and application procedures.</i>
PHYSICAL PROPERTIES	
COLOUR	<i>Black</i>
NO. OF COMPONENTS	<i>Two</i>
VOLUME SOLIDS	<i>75 %</i>
MIXING RATIO	<i>4 part A to 1 part B by volume</i>
RECOMMENDED THICKNESS	<i>200 microns DFT per coat</i>
THEORETICAL COVERAGE	<i>3.7 m²/L @ 200 microns DFT</i>
NO. OF COATS	<i>One or Two</i>
RECOMMENDED DRYING TIME	<i>Between coats : 12 hours</i> <i>Full cure : 7 days</i>
GEL TIME	<i>2 hours (varies with Temperature)</i>
TEMPERATURE	<i>Continuous : 93°C</i>
RESISTANCE	<i>Non-continuous : 120°C</i>
PACKING SIZE	<i>5 litres: Part A – 4 litres</i> <i>Part B – 1 litre</i>

	20 litres: Part A – 16 litre Part B – 4 litres																								
CHEMICAL RESISTANCE GUIDE	<table border="1"> <thead> <tr> <th>Exposure</th> <th>Immersion</th> <th>Splash & Spillage</th> <th>Fumes</th> </tr> </thead> <tbody> <tr> <td>Acids</td> <td>Very Good</td> <td>Very Good</td> <td>Very Good</td> </tr> <tr> <td>Alkali</td> <td>Very Good</td> <td>Excellent</td> <td>Excellent</td> </tr> <tr> <td>Solvents</td> <td>Fair</td> <td>Very Good</td> <td>Very Good</td> </tr> <tr> <td>Salt water</td> <td>Excellent</td> <td>Excellent</td> <td>Excellent</td> </tr> <tr> <td>Water</td> <td>Excellent</td> <td>Excellent</td> <td>Excellent</td> </tr> </tbody> </table>	Exposure	Immersion	Splash & Spillage	Fumes	Acids	Very Good	Very Good	Very Good	Alkali	Very Good	Excellent	Excellent	Solvents	Fair	Very Good	Very Good	Salt water	Excellent	Excellent	Excellent	Water	Excellent	Excellent	Excellent
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SURFACE PREPARATION	Concrete surfaces to be coated must be thoroughly cleaned to ensure that it is free from oil, grease, or other surface contaminants. New concrete shall be allowed to cure for 28 days before application of coatings. Old and dirty concrete surfaces especially floors, shall be prepared by blasting or grinding to remove the highly contaminated layer. The best surface preparation method for steel surface is by abrasive blasting. KANSAI PLC 98 CTE performs well over commercial blast surface with 25 to 50 microns surface profile.																								
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 # 73 for workability.																								
APPLICATION	KANSAI PLC 98 CTE can be applied by using brush, roller or spraying equipment. Apply sufficient materials evenly to the entire surface. Make 50% overlapping for each pass.																								
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.