

<b>PRODUCT NAME :</b>	<b>KANSAI PLC 88 CTE</b>
<b>DESCRIPTION :</b>	<p>KANSAI PLC 88 CTE is a two components high solids amine cured coal tar epoxy coating suitable for steel and concrete structures in chemical exposure and immersion service.</p> <p>KANSAI PLC 88 CTE is economical and reliable for protection of immersed and underground structures.</p>
<b>RECOMMENDED USE :</b>	<p>KANSAI PLC 88 CTE is recommended for protection of steel and concrete structures subject to severe chemical attack, sewage treatment plants, waste water treatment plant, pulp and paper mills, chemical plants, electroplating plants where strong and corrosive chemicals are employed. It is also highly recommended for off-shore and marine environment applications like jetties, splash zones and submarine pipelines.</p>
<b>PERFORMANCE :</b>	<ul style="list-style-type: none"> <li>• Excellent protection for submerged and underground structures.</li> <li>• Economical – the cheapest yet effective protective coating</li> <li>• Excellent chemical resistance – excellent resistance to both acidic and alkaline substances.</li> <li>• Excellent abrasion resistance.</li> <li>• Easy application – simple mixing and application procedures.</li> </ul>
<b>PHYSICAL PROPERTIES</b>	
COLOUR	Black
NO. OF COMPONENTS	Two
VOLUME SOLIDS	70 %
MIXING RATIO	1 Part A to 1 Part B by Volume
RECOMMENDED THICKNESS	200 microns DFT per coat
THEORETICAL COVERAGE	286 microns WFT per coat
NO. OF COATS	3.50 m <sup>2</sup> /litre @ 200 microns DFT
RECOMMENDED DRYING TIME	Two
GEL TIME	Between coats : 12 hours
TEMPERATURE	Full cure : 7 days
RESISTANCE	2 hours (varies with temperature)
PACKING SIZE	Continuous 93°C
	Non-continuous 150°C
	Part A – 2.5 litres
	Part B – 2.5 litres

<p><i>SURFACE PREPARATION</i></p>	<p><i>Concrete :</i></p> <p><i>Concrete must have a minimum strength of 20N/mm<sup>2</sup> and surfaces to be coated shall be thoroughly cleaned to ensure that it is free from oil, grease and other surface contaminants. New concrete shall be allowed to cure for at least 28 days before application of coatings is allowed. Old and dirty concrete surfaces especially floors shall be prepared by blasting or grinding to remove the highly contaminated layer. Cracks, holes, cavities or irregularities shall be patched or filled with KANSAI SUREFIX 100, KANSAI SUREFIX 160 or KANSAI SUREFIX 250 according to the size.</i></p> <p><i>Steel :</i></p> <p><i>The best surface preparation method for steel surfaces is by abrasive blasting. KANSAI PLC 88 CTE performs well over commercial blast surfaces with 25 to 50 microns surface profile.</i></p>
<p><i>MIXING</i></p>	<p><i>Mix Part A and Part B separately with power stirrer then pour content of Part B into Part A and mix thoroughly. Do not mix materials more than the quantity to be consumed within the pot life.</i></p>
<p><i>THINNING</i></p>	<p><i>Thin not more than 10% by volume with KANSAI PLC Thinner #72 only when necessary for workability.</i></p>
<p><i>APPLICATION</i></p>	<p><i>KANSAI PLC 88 CTE can be applied by using brush, roller or spraying equipment but the uniform thickness and high build properties of the coating are best achieved by spray applications.</i></p>
<p><i>SPRAYING</i></p>	<p><i>Conventional or airless spray equipment is recommended. For airless spray, standard equipment with minimum 28:1 pump ratio, 500 to 700 kPa inbound pressure and 0.43 to 0.53 mm fluid tip is recommended. Apply in heavy wet coats overlapping each pass by 50%. Stripe coat edges, welds and seams.</i></p>
<p><i>RECOATING</i></p>	<p><i>For most purposes, two coats are recommended. Apply the final coat according to the recommended recoating schedule. To ensure maximum adhesion strength between coats, the second coat shall be applied soon as possible after the minimum recoating time of 4 hours.</i></p>
<p><i>DRYING</i></p>	<p><i>The drying time will be lengthened by insufficient ventilation. To ensure proper drying, always apply coating at recommended thickness.</i></p>

### 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 :

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