

<b>PRODUCT NAME :</b>	<b>KANSAI SURESEAL 1210 DS</b>
<b>DESCRIPTION :</b>	<i>KANSAI SURESEAL 1210 DS is a high performance solvent free, two-pack epoxy coating of the envelope type designed to provide corrosion resistance and abrasion protection in extreme service applications. This specially designed epoxy system is capable of adhering to damp surface and curing underwater to form a tough protective barrier. KANSAI SURESEAL 1210 DS contains a very effective anti-bacterial additive that provides effective anti-bacterial, anti-fungal and anti-algae properties.</i>
<b>RECOMMENDED USE :</b>	<i>KANSAI SURESEAL 1210 DS is designed to provide corrosion protection for metal and concrete structures in offshore marine and petrochemical services, sheet piles, underground and submarine pipes, waste water tanks, jetty piles, underground tanks and other structural steel that requires protection against corrosion in aggressive environment. It is most suitable for rehabilitation of corroded steel and concrete structures in tidal zone. It is also designed for maintenance painting of chilled pipes and tanks that are subjected to continuous condensation problems.</i>
<b>PERFORMANCE :</b>	<ul style="list-style-type: none"> <li>• <i>Durable - Tough and impermeable layer with excellent resistance against salt and water.</i></li> <li>• <i>High build - can build up to 500 microns in one coat. Eliminate the possibility of inter-coat adhesion failure under wet conditions.</i></li> <li>• <i>Chemical resistant - Good resistance against wide range of chemicals.</i></li> <li>• <i>Anti-bacterial, anti-fungal and anti-algae properties.</i></li> <li>• <i>Under-water curing - capable of curing under water.</i></li> <li>• <i>Adhesion - Excellent adhesion to damp and wet surfaces.</i></li> <li>• <i>Cures at low temperature.</i></li> </ul>
<b>PHYSICAL PROPERTIES</b>	
<b>FINISH</b>	<i>Gloss</i>
<b>COLOUR</b>	<i>Black, White and Grey ( other colours upon request)</i>
<b>VOLUME SOLIDS</b>	<i>100 %</i>
<b>NO. OF COMPONENTS</b>	<i>Two</i>
<b>NO. OF COATS</b>	<i>One or Two.</i>
<b>RECOMMENDED</b>	
<b>RECOMMENDED</b>	<i>250 microns DFT per coat (500 microns for severe environment)</i>
<b>THICKNESS</b>	<i>250 microns WFT per coat</i>
<b>THEORETICAL</b>	<i>2.8 m<sup>2</sup>/kg @ 250 microns DFT.</i>
<b>COVERAGE</b>	
<b>DRYING TIME</b>	<i>Touch dry : 2 hours</i> <i>Topcoat : 12 hours.</i>

<p><b>POT LIFE</b></p> <p><b>PACKING SIZE</b></p>	<p>Full cure : 7 days</p> <p>25 minutes (varies with temperature)</p> <p>5 kg - Part A – 4 kg</p> <p>Part B – 1 kg</p>																														
<p><b>CHEMICAL RESISTANCE GUIDE</b></p>	<table border="1"> <thead> <tr> <th></th> <th><b>Exposure</b></th> <th><b>Immersion</b></th> <th><b>Splash &amp; Spillage</b></th> <th><b>Fumes</b></th> </tr> </thead> <tbody> <tr> <td>Acids</td> <td>Very Good</td> <td>Very Good</td> <td>Excellent</td> <td>Excellent</td> </tr> <tr> <td>Alkali</td> <td>Very Good</td> <td>Very Good</td> <td>Excellent</td> <td>Excellent</td> </tr> <tr> <td>Solvents</td> <td>Very Good</td> <td>Very Good</td> <td>Excellent</td> <td>Excellent</td> </tr> <tr> <td>Salt water</td> <td>Excellent</td> <td>Excellent</td> <td>Excellent</td> <td>Excellent</td> </tr> <tr> <td>Water</td> <td>Excellent</td> <td>Excellent</td> <td>Excellent</td> <td>Excellent</td> </tr> </tbody> </table>		<b>Exposure</b>	<b>Immersion</b>	<b>Splash &amp; Spillage</b>	<b>Fumes</b>	Acids	Very Good	Very Good	Excellent	Excellent	Alkali	Very Good	Very Good	Excellent	Excellent	Solvents	Very Good	Very Good	Excellent	Excellent	Salt water	Excellent	Excellent	Excellent	Excellent	Water	Excellent	Excellent	Excellent	Excellent
	<b>Exposure</b>	<b>Immersion</b>	<b>Splash &amp; Spillage</b>	<b>Fumes</b>																											
Acids	Very Good	Very Good	Excellent	Excellent																											
Alkali	Very Good	Very Good	Excellent	Excellent																											
Solvents	Very Good	Very Good	Excellent	Excellent																											
Salt water	Excellent	Excellent	Excellent	Excellent																											
Water	Excellent	Excellent	Excellent	Excellent																											
<p><b>SURFACE PREPARATION</b></p>	<p>High pressure water jet to remove algae, fungus, soluble salts and other loose contaminants. Remove oil or grease from surface to be coated with detergent or degreaser. For best performance, water jet blasting is highly recommended prior to painting.</p>																														
<p><b>MIXING</b></p>	<p>Mix Part A thoroughly then add in Part B and mix till homogeneous. Do not mix more materials than the quantity to be consumed within the pot life.</p>																														
<p><b>THINNING</b></p>	<p>Thinning is not recommended.</p>																														
<p><b>APPLICATION</b></p>	<p>The coating can be applied by brush and roller with sufficient thickness and 50% overlapping in between passes. Wipe dry surface with dry and clean rag just before painting will improve workability.</p>																														
<p><b>CLEANING</b></p>	<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**

Kansai Paint Asia Pacific Sdn Bhd. (705919-W)  
 4 Solok Waja 2, Kawasan Perindustrian Bukit Raja, 41719 Klang, Selangor, Malaysia.  
 Tel: 6(03) 3362 2388 Fax: 6(03) 3344 2331

**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.