

<b>PRODUCT NAME :</b>	<b>KANSAI PLC 121 IOZ</b>
<b>DESCRIPTION :</b>	<i>KANSAI PLC 121 IOZ is a high solids, inorganic zinc rich primer that protect steel galvanically, eliminating sub film corrosion. It meets SSPC regulations regarding metal filled coatings while providing the proven performance of alkyl silicate zinc rich technology.</i>
<b>RECOMMENDED USE :</b>	<i>KANSAI PLC 121 IOZ recommended where long term corrosion resistance and undercutting corrosion protection is desired. Typical application include steel bridges, structural steel and tanks where abrasive blasting can be used in surface preparation. Provides outstanding corrosion protection with or without topcoats in typical weathering and marine environments.</i>
<b>PERFORMANCE :</b>	<ul style="list-style-type: none"> <li>• <i>Fast cure</i></li> <li>• <i>Excellent solvent resistance</i></li> <li>• <i>Galvanic protection – zinc scarifies itself to protect steel surface against corrosion</i></li> <li>• <i>Single coat protection – excellent corrosion protection in a single coat</i></li> <li>• <i>Resists very high temperature</i></li> </ul>
<b>PHYSICAL PROPERTIES</b>	
<i>FINISH</i>	<i>Matt</i>
<i>COLOUR</i>	<i>Grey</i>
<i>NO. OF COMPONENTS</i>	<i>Two</i>
<i>VOLUME SOLIDS</i>	<i>62%</i>
<i>PERCENTAGE OF ZINC IN A DRY FILM</i>	<i>75 %</i>
<i>RECOMMENDED THICKNESS</i>	<i>50 to 75 microns DFT per coat</i>
<i>TEORETICAL COVERAGE</i>	<i>121 microns WFT per coat</i>
<i>NO. OF COATS</i>	<i>8.2 m<sup>2</sup>/liter @ 75 microns DFT</i>
<i>RECOMMENDED DRYING TIME</i>	<i>One</i>
<i>(VENTILATED AREA)</i>	<i>Touch dry : 15 minutes</i>
<i>POT LIFE</i>	<i>Topcoat : 8 hours</i>
<i>PACKING SIZE</i>	<i>8 hours at 30°C</i>
	<i>Part A – 4.15 liters</i>
	<i>Part B – 5.9 kg</i>
<b>SURFACE PREPARATION</b>	<i>Remove all oil or grease from surface to be coated with clean rags soaked in KANSAI PLC Cleaner # 72 in accordance with SSPC-SP1. Remove weld spatter, slag and oxide caused from welding. For immersion service, abrasive blast to White Metal Finish in accordance</i>

MIXING	<p>with SSPC – SP5 with 25 to 50 microns sharp pattern surface profile. For non-immersion service, abrasive blast to commercial finish in accordance with SPPC-SP6 with 25 to 50 microns sharp pattern anchor profile.</p> <p>Pre-mix Base Part A with power stirrer till homogeneous, sift in Zinc Filler Part B slowly with continuous agitation. Mix until the mixture is free from lumps.</p>
THINNING	<p>Thin not more than 10% by volume with KANSAI PLC Thinner # 715 for workability.</p>
APPLICATION	<p>Do not apply when surface temperature is less than 3°C above the dew point. KANSAI PLC 121 IOZ can be applied using conventional or airless spraying equipment. Spray in parallel passes and overlaps 50% with each pass of the gun. Brush application is allowed for touch-up over small areas only.</p>
DRYING	<p>Excessive thickness can cause mud-cracking. To ensure proper paint film formation, always apply coating based on the recommended thickness.</p>
CLEANING	<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

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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.