

PRODUCT NAME :	KANSAI PLC 441 CG
DESCRIPTION :	<i>KANSAI PLC 441 CG is a ready mixed synthetic polymer based zinc rich coating. The use of KANSAI PLC 441 CG provides a method of applying galvanic protection by standard paint application methods. It is a cold galvanizing compound, for it prevents corrosion of steel substrate in the same manner as hot dip galvanizing. When applied to ferrous surface, the zinc metal in KANSAI PLC 441 CG act as the anode and sacrifices itself preferentially to protect the steel, which acts as the cathode.</i>
RECOMMENDED USE :	<i>KANSAI PLC 441 CG is employed as a single coat finish on steel objects which are subjected to atmospheric exposure or in multiple coat paint systems as a protective primer. KANSAI PLC 441 CG is widely used as an anti-corrosion coating for steel structures and as a protective coating for reinforcement steel bars in reinforced concrete, and as a repair material for galvanized steel which has been damaged by cutting, punching, drilling or mechanical damage suffered during transit or during erection works.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Fast dry - minimum down time.</i> • <i>Anti-corrosion - protects steel with galvanic reactions.</i> • <i>Easy application - single pack materials.</i> • <i>Single coat protection for steel.</i>
PHYSICAL PROPERTIES	
<i>FINISH</i>	<i>Matt</i>
<i>COLOUR</i>	<i>Grey</i>
<i>NO. OF COMPONENTS</i>	<i>One</i>
<i>VOLUME SOLIDS</i>	<i>40 %</i>
<i>RECOMMENDED THICKNESS</i>	<i>40 microns DFT per coat</i>
<i>TEORETICAL COVERAGE</i>	<i>10 m²/liter @ 40 microns DFT</i>
<i>NO. OF COATS</i>	<i>One or Two.</i>
<i>RECOMMENDED DRYING TIME</i>	<i>Touch dry : 15 minutes</i> <i>Topcoat : 4 hours</i>
<i>PACKING SIZE</i>	<i>1 liter, 5 kg</i>

CHEMICAL RESISTANCE GUIDE	<table border="1"> <thead> <tr> <th>Exposure</th> <th>Splash & Spillage</th> <th>Fumes</th> </tr> </thead> <tbody> <tr> <td>Acids</td> <td>Poor</td> <td>Poor</td> </tr> <tr> <td>Alkali</td> <td>Poor</td> <td>Poor</td> </tr> <tr> <td>Solvent</td> <td>Poor</td> <td>Good</td> </tr> <tr> <td>Salt water</td> <td>Excellent</td> <td>Excellent</td> </tr> <tr> <td>Water</td> <td>Excellent</td> <td>Excellent</td> </tr> </tbody> </table>	Exposure	Splash & Spillage	Fumes	Acids	Poor	Poor	Alkali	Poor	Poor	Solvent	Poor	Good	Salt water	Excellent	Excellent	Water	Excellent	Excellent
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SURFACE PREPARATION	<p>Remove oil or grease from surface to be coated with clean rags soaked in KANSAI PLC Cleaner #72 in accordance with SSPC-SP1.</p> <p>STEEL :</p> <p>For maximum protection, dry abrasive blast to a commercial blast finish in accordance with SSPC-SP6 with blast profile about 15 to 25 microns. KANSAI PLC 441 CG is recommended for application over hand tool clean surface in cases where abrasive blasting is not practical.</p>																		
MIXING	Mix to a uniform consistency before thinning.																		
THINNING	Thin not more than 10% by volume with KANSAI PLC Thinner #73.																		
SPRAY	Do not apply when the surface temperature is less than 3°C above the dew point. Hold gun 8 to 10 inches from the surface and at a right angle to the surface. Make a 50% overlap with each pass of the gun. Application by roller is not recommended.																		
CLEANING	Clean all tools and equipment 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.