

<b>PRODUCT NAME :</b>	<b>KANSAI TOWERSHIELD 404</b>
<b>DESCRIPTION :</b>	<i>KANSAI TOWERSHIELD 404 is a pigmented, plasticized Vinyl Chloride copolymer coating designed to be applied directly to galvanised steel surface or as a finish coat for other suitably primed steel surfaces. It can be applied over galvanised surface in a single coat. KANSAI TOWERSHIELD 404 has excellent weathering resistant, very good colour retention and excellent adhesion over wide range of surfaces.</i>
<b>RECOMMENDED USE :</b>	<i>KANSAI TOWERSHIELD 404 is recommended as an aesthetic colouring or identification for steel and galvanised surfaces in natural and aggressive weathering environments. Suitable as a finish coat for steel towers, structural steel, tanks, pipes, bridges, building interior and exterior, pylons, steel ductworks and etc.</i>
<b>NOT RECOMMENDED FOR:</b>	<i>Exposure to solvents and strong chemicals also not suitable for immersion services</i>
<b>PERFORMANCE :</b>	<ul style="list-style-type: none"> <li>• <i>High-build - Single coat application over galvanised steel.</i></li> <li>• <i>One coat system - Save on materials and labour costs.</i></li> <li>• <i>Easy application - single pack materials.</i></li> <li>• <i>Excellent adhesion - can adhere well to most substrates.</i></li> <li>• <i>Excellent flexibility - no cracking and peeling problem due to weathering cycle.</i></li> <li>• <i>Weather resistance - Excellent weather resistance and colour retention.</i></li> </ul>
<b>PHYSICAL PROPERTIES</b>	
<b>FINISH</b>	<i>Satin</i>
<b>COLOUR</b>	<i>Refer to colour chart</i>
<b>VOLUME SOLID</b>	<i>35 %</i>
<b>NO. OF COMPONENTS</b>	<i>One</i>
<b>RECOMMENDED THICKNESS</b>	<i>50 - 100 microns DFT per coat</i>
<b>THEORETICAL COVERAGE</b>	<i>286 micron WFT per coat</i>
<b>NO. OF COATS</b>	<i>3.5 m<sup>2</sup>/litre @ 100 microns DFT</i>
<b>RECOMMENDED DRYING TIME</b>	<i>Two</i>
<b>TEMPERATURE</b>	<i>Touch dry : 30 minutes</i>
<b>RESISTANCE</b>	<i>Topcoat : 24 hours</i>
<b>PACKING SIZE</b>	<i>65°C for continuous exposure</i>
<b>THINNER</b>	<i>5 litres &amp; 20 litres</i>
	<i>Thinner #73 or</i>
	<i>Thinner #404</i>

<b>CHEMICAL RESISTANCE GUIDE</b>	<table border="1"> <thead> <tr> <th><b>EXPOSURE</b></th> <th><b>SPLASH &amp; SPILLAGE</b></th> <th><b>FUMES</b></th> </tr> </thead> <tbody> <tr> <td>Acids</td> <td>Good</td> <td>Good</td> </tr> <tr> <td>Alkali</td> <td>Good</td> <td>Good</td> </tr> <tr> <td>Solvents</td> <td>Poor</td> <td>Poor</td> </tr> <tr> <td>Salts</td> <td>Very Good</td> <td>Excellent</td> </tr> <tr> <td>Water</td> <td>Excellent</td> <td>Excellent</td> </tr> </tbody> </table>	<b>EXPOSURE</b>	<b>SPLASH &amp; SPILLAGE</b>	<b>FUMES</b>	Acids	Good	Good	Alkali	Good	Good	Solvents	Poor	Poor	Salts	Very Good	Excellent	Water	Excellent	Excellent
<b>EXPOSURE</b>	<b>SPLASH &amp; SPILLAGE</b>	<b>FUMES</b>																	
Acids	Good	Good																	
Alkali	Good	Good																	
Solvents	Poor	Poor																	
Salts	Very Good	Excellent																	
Water	Excellent	Excellent																	
<b>SURFACE PREPARATION</b>	<p>Remove oil or grease from surface to be coated with clean rags soaked in KANSAI PLC Cleaner #72 in accordance with SSPC-SP1. Loose rust or other loose contaminants shall be removed by power tool or sand paper.</p> <p><b>STEEL :</b></p> <p>Steel surface shall be dry abrasive blasted in accordance with SSPC-SP6 Commercial Blast and prime with organic or inorganic primer.</p> <p><b>GALVANISED STEEL :</b></p> <p>Can be applied directly to galvanised steel surface.</p>																		
<b>MIXING</b>	Mix to a uniform consistency before using.																		
<b>APPLICATION</b>	Can be applied by roller, brush conventional or airless spray.																		
<b>CLEANING</b>	Clean all application tools with KANSAI PLC Thinner # 72 immediately after use.																		

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, P.O.BOX 159, 41710 Klang, Selangor, Malaysia  
 Tel: 6(03) 3362 2388 Fax: 6(03) 3342 7223

**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.