

PRODUCT NAME :	KANSAI PLC 338 HS MIO
DESCRIPTION :	<i>KANSAI PLC 338 HS MIO is a two-component high solids polyamide cured epoxy coating. KANSAI PLC 338 HS MIO can be applied directly to properly prepared concrete and steel surfaces and provide long term protection with just a single coat. It is commonly used as a barrier coat over zinc rich coatings to provide an excellent barrier against corrosion.</i>
RECOMMENDED USE :	<i>KANSAI PLC 338 HS MIO is the ideal choice for an economical yet effective protective coating for structural steel. It is highly recommended for tank exterior, piping, petrochemical plants, power stations, marine structures and offshore facilities. KANSAI PLC 338 HS MIO is highly resistant against splash and spillage of solvents and chemicals. Additional coats of KANSAI PLC 450 PU aliphatic polyurethane coating over KANSAI PLC 338 HS MIO will further enhance the resistance against UV radiation.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Excellent abrasion resistance.</i> • <i>Attractive - exhibit attractive finish with wide range of colours.</i> • <i>Stain Resistance - excellent stain resistance.</i> • <i>Excellent Chemical Resistance – excellent resistant to most industrial and cleaning chemicals.</i> • <i>Easy Application- simple mixing and application procedures.</i>
PHYSICAL PROPERTIES	
FINISH	<i>Matt</i>
NO. OF COMPONENTS	<i>Two</i>
VOLUME SOLIDS	<i>76 %</i>
MIXING RATIO	<i>1 Part A to 1 Part B by volume</i>
RECOMMENDED THICKNESS	<i>150 microns DFT per coat</i>
TEORETICAL COVERAGE	<i>186 microns WFT per coat</i>
NO. OF COATS	<i>5.1 sq. m. per liter per @ 150 microns DFT</i>
RECOMMENDED DRYING TIME	<i>One or Two coats</i>
PACKING SIZE	<i>Touch dry : 2 hour</i>
	<i>Topcoat : 16 hours</i>
	<i>5 liters: Part A – 2.5 liters</i>
	<i>Part B – 2.5 liters</i>
	<i>20 liters: Part A – 10 liters</i>
	<i>Part B – 10 liters</i>
TEMPERATURE RESISTANCE	<i>Continuous : 93°C</i>
	<i>Non-continuous : 121°C</i>

LIMITATIONS	KANSAI PLC 338 HS MIO is not recommended for immersion service. Exposure to ultra violet light will cause some yellowing and chalking to the dry film of KANSAI PLC 338 HS MIO																		
CHEMICAL RESISTANCE GUIDE	<table border="1"> <thead> <tr> <th data-bbox="703 443 831 472">Exposure</th> <th data-bbox="884 443 991 521">Splash & Spillage</th> <th data-bbox="1066 443 1145 472">Fumes</th> </tr> </thead> <tbody> <tr> <td data-bbox="703 539 762 568">Acid</td> <td data-bbox="884 539 935 568">Fair</td> <td data-bbox="1066 539 1126 568">Good</td> </tr> <tr> <td data-bbox="703 586 767 616">Alkali</td> <td data-bbox="884 586 986 616">Excellent</td> <td data-bbox="1066 586 1168 616">Excellent</td> </tr> <tr> <td data-bbox="703 633 791 663">Solvent</td> <td data-bbox="884 633 1007 663">Very Good</td> <td data-bbox="1066 633 1182 663">Very Good</td> </tr> <tr> <td data-bbox="703 680 746 710">Salt</td> <td data-bbox="884 680 986 710">Excellent</td> <td data-bbox="1066 680 1168 710">Excellent</td> </tr> <tr> <td data-bbox="703 728 775 757">Water</td> <td data-bbox="884 728 986 757">Excellent</td> <td data-bbox="1066 728 1168 757">Excellent</td> </tr> </tbody> </table>	Exposure	Splash & Spillage	Fumes	Acid	Fair	Good	Alkali	Excellent	Excellent	Solvent	Very Good	Very Good	Salt	Excellent	Excellent	Water	Excellent	Excellent
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SURFACE PREPARATION	Surface to be coated shall be solvent clean using KANSAI PLC Cleaner #72 to remove oil and grease in accordance with SSPC-SP1. Abrasive blast to Commercial Finish in accordance with SSPC-SP6.																		
MIXING THINNING	Stir Part A resin and Part B hardener separately, mix them and stir thoroughly. Thin not more than 10% by volume with KANSAI PLC Thinner #73 only when necessary for workability.																		
APPLICATION DRYING CLEANING	Do not apply the coating materials if the surface temperature is less than 3°C above the dew point. KANSAI PLC 338 HS MIO can be applied by using brush, roller or spraying equipment. Apply sufficient materials evenly to the entire surface. The pot life is about 3 hours. Do not mix more materials than can be used within the pot life. The drying time will be lengthened by insufficient ventilation. To ensure proper drying, always apply coating at recommended thickness. Cleaning all tools and equipment with KANSAI PLC Cleaner #72 immediately after use.																		

For further information on Product Data, please contact:

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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.