

PRODUCT NAME :	KANSAI ENVIROSHIELD 606 RC
DESCRIPTION :	<i>KANSAI ENVIROSHIELD 606 RC is a ceramic pigment filled water-based coating to be applied to metal and mineral substrates. The good heat insulation property of the ceramic pigment will help to create a heat resistant film against the radiant heat from the sun. The highly flexible coating will also cushion the impact of raindrops during rainy days to reduce the noise created by raindrops on metal roofs. It contains an effective corrosion inhibitor, which will protect metal roof from corrosion and rusting.</i>
RECOMMENDED USE :	<i>KANSAI ENVIROSHIELD 606 RC is recommended for metal and concrete roofs to reduce the amount of heat radiated by the heated roof into the interior of buildings and factories. With sufficient thickness, it can also act as a cushion for raindrops and thus reduce the level of noise caused by the impact of raindrops on metal roofs. KANSAI ENVIROSHIELD 606 RC can also be applied on brick walls facing the afternoon sun to reduce the amount of heat radiate through the wall and thus cut down the electricity used to run the air-conditioning systems.</i>
NOT RECOMMENDED FOR:	<i>Exposure to solvents and strong chemicals.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Excellent heat insulation - More comfortable working environment and cut down electricity bill.</i> • <i>Anti-corrosion – contains corrosion inhibitor to protect metal roof from corrosion.</i> • <i>High solids – more economical.</i> • <i>Noise reduction – Reduce noise on metal roofs during rainy days.</i> • <i>Easy application – single pack materials.</i> • <i>Crack bridging – Good elongation and bridge hair-line cracks on concrete surfaces.</i> • <i>Excellent flexibility – Follow movement of metal roof without having cracks and peeling.</i> • <i>Weather resistance – Excellent weather resistance and suitable for outdoor applications.</i>
PHYSICAL PROPERTIES	
FINISH	<i>Low gloss</i>
COLOUR	<i>Refer to colour chart</i>
VOLUME SOLID	<i>60 %</i>
NO. OF COMPONENTS	<i>One</i>
RECOMMENDED THICKNESS	<i>150 microns DFT per coat</i>
	<i>250 microns WFT per coat</i>

<i>THEORETICAL COVERAGE</i>	<i>4m²/litre @ 150 microns DFT</i>
<i>NO. OF COATS</i>	<i>Two</i>
<i>RECOMMENDED</i>	
<i>DRYING TIME</i>	<i>Touch dry : 45 minutes</i> <i>Topcoat : 8 hours.</i>
<i>THERMAL CONDUCTANCE</i>	<i>0.486 W/m2.K</i>
<i>PACKING SIZE</i>	<i>5 litres & 20 litres</i>
<i>PERFORMANCE DATA</i>	<p><i>Elongation : Excellent</i></p> <p><i>Flexibility : Excellent</i></p> <p><i>Weathering : Excellent</i></p> <p><i>Adhesion : Excellent</i></p> <p><i>Abrasion resistant : Good</i></p>
<i>SURFACE PREPARATION</i>	<i>Remove oil or grease from surface to be coated with clean rags soaked in KANSAI PLC Cleaner #72 in accordance with SSPC-SP1 or suitable detergent and high pressure water-jet for concrete surfaces. Loose rust or other loose contaminants shall be removed by power tool or sand paper.</i>
<i>MIXING</i>	<i>Mix to a uniform consistency before using.</i>
<i>APPLICATION</i>	<i>Can be applied by roller, brush or airless spray. Hold gun 18 to 20 inches from the surface and at a right angle to the surface. Make a 50% overlap with each pass of the gun.</i>
<i>CLEANING</i>	<i>All application tools and equipment can be cleaned with water after use</i>

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.