

PRODUCT NAME :	KANSAI ENVIROSHIELD 603 TC
DESCRIPTION :	<i>KANSAI ENVIROSHIELD 603 TC is a single component water-based acrylic coating. The specially formulated product is free from problems related to strong odor and fire hazard during application. KANSAI ENVIROSHIELD 603 TC is suitable for indoor or outdoor courts. It is non-skid, non-reflective and has excellent resistance against UV radiation, abrasion and ponding water for at least 48 hours.</i>
RECOMMENDED USE :	<i>KANSAI ENVIROSHIELD 603 TC can be used as the final coating for indoor and outdoor sports facilities such as badminton, tennis, basketball and sepak takraw courts. The high solids coating materials can build up to 1 mm in a single coat without having drying and cracking problems. KANSAI ENVIROSHIELD 603 TC is non-skid in nature and thus, suitable for corridors and ramps for human traffic.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Non-reflective and non-skid.</i> • <i>No fire hazard - can be used in areas where solvent-based coatings are not allowed.</i> • <i>Excellent adhesion to concrete, bitumen and steel surfaces.</i> • <i>Good resistance against UV and ponding water.</i> • <i>Easy to clean - application tools and equipment can be cleaned easily with water after use.</i> • <i>Fast dry – touch dry in 1 hour and can be top-coated in 4 hours.</i>
PHYSICAL PROPERTIES	
FINISH	<i>Matt</i>
COLOUR	<i>Refer to colour chart</i>
VOLUME SOLID	<i>90 %</i>
NO. OF COMPONENTS	<i>one</i>
RECOMMENDED THICKNESS	<i>250 microns DFT per coat</i>
THEORETICAL COVERAGE	<i>417 microns WFT per coat</i>
NO. OF COATS	<i>3.6 m²/L @ 250 microns DFT</i>
RECOMMENDED DRYING TIME	<i>One or Two</i>
(VENTILATED AREA)	<i>Touch dry : 1 hour</i>
PACKING SIZE	<i>Topcoat: 4 hours.</i>
	<i>20 litres</i>

SURFACE PREPARATION	<i>The surface to be coated must be thoroughly cleaned and degreased to ensure that oil, grease and other surface contaminants are removed. Surface dust must be removed using industrial vacuum cleaner. Fins and protrusions shall be removed by stoning, sanding or grinding. New concrete shall be allowed to cure for at least 28 days before application of KANSAI ENVIROSHIELD 603 TC.</i>
MIXING	<i>Mix materials with a mechanical stirrer or a stick to ensure good levelling and colour consistency during application.</i>
THINNING	<i>Thin not more than 10% with clean water for workability. Excessive thinning will result in foamy materials during application and cause cracks for high build applications.</i>
APPLICATION	<i>KANSAI ENVIROSHIELD 603 TC can be applied by rollers, brushes, squeegee or spraying equipment. Make sure sufficient material is applied evenly to the entire surface to ensure good levelling. For application in enclosed area, provide sufficient ventilation to ensure proper drying of applied materials.</i>
CURING	<i>In order for the water in the coated film to be released quickly, coated areas must be well ventilated. Coated surface can be open for foot traffic after 24 hours. With good ventilation, topcoats can be applied after 4 hours.</i>
CLEANING	<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.