

PRODUCT NAME :	KANSAI ENVIROSHIELD 602 AC
DESCRIPTION :	<i>KANSAI ENVIROSHIELD 602 AC is an elastomeric acrylic wall coating with waterproofing properties suitable for interior and exterior applications. It is formulated using special internal plasticized acrylic emulsion, which gives very high elongation and excellent to bridge hairline cracks on walls to avoid water seepage as well as growth of microorganisms in the crack. KANSAI ENVIROSHIELD 602 AC has good resistance against fungal and algae growth and very good durability under external weathering. It is also an excellent protective barrier coatings against deterioration of concrete due to carbonation.</i>
RECOMMENDED USE :	<i>KANSAI ENVIROSHIELD 602 AC is formulated as an external coating for commercial and residential buildings. It is also highly recommended for repainting or upgrading of old buildings where the surface condition is badly deteriorated. It is also the most effective way to prevent seepage of water through porous walls during heavy downpour. For interior applications, KANSAI ENVIROSHIELD 602 AC is suitable for public places like assembly halls, hospitals, schools and shopping mall to provide hygienic and easy clean surface with minimum maintenance.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Excellent alkali, fungal and UV resistance.</i> • <i>Adhesion - Excellent adhesion over concrete and masonry surfaces.</i> • <i>Internal plasticized – elongation and flexibility maintained upon ageing.</i> • <i>Excellent performance on old, painted and new surfaces.</i> • <i>Can be applied by spray, roller or brush.</i> • <i>Easy application - simple mixing and application procedures.</i> • <i>Elastomeric – Bridge hairline cracks.</i> • <i>Excellent waterproofing properties.</i>
PHYSICAL PROPERTIES	
FINISH	<i>Low Sheen</i>
COLOUR	<i>Refer to colour chart</i>
VOLUME SOLID	<i>40 %</i>
NO. OF COMPONENTS	<i>One</i>
RECOMMENDED THICKNESS	<i>100 microns DFT</i>
THEORETICAL COVERAGE	<i>4m²/litre @ 100 microns DFT</i>
NO. OF COATS	<i>Two</i>
RECOMMENDED ELONGATION AT BREAK	<i>250 %</i>
DRYING TIME	<i>Touch dry : 45 minutes</i>

	<i>Topcoat : 3 hours</i>
PACKING SIZE	<i>20 litres</i>
SURFACE PREPARATION	<i>Remove oil or grease from surface to be coated with degreaser and high pressure water-jet for concrete surfaces. New concrete shall be allowed to cure for at least 28 days before application of sealer. For painting on old surfaces, loose paint film must be removed by high-pressure water jet. Algae and fungal growth must be completely removed and surfaces treated with biocide solution. For surface cracks that exceed 1mm width, patch the surface with sealant or filler before painting.</i>
MIXING	<i>Not required but for materials kept for a long time, light agitation might homogenise the slight separation during the long storage.</i>
APPLICATION	<i>KANSAI ENVIROSHIELD 602 AC can be applied by roller, brush or by airless spray. For spray applications, hold gun 2 to 3 feet from the surface and at a right angle to the surface. Make a 50% overlap with each pass of the gun. For brush and roller applications, apply in one direction with overlapping between passes.</i>
THINNING	<i>Not recommended but can be thinned up to 10% with clean water for workability if necessary.</i>
DRYING	<i>Allow to cure for at least 3 hours before top-coating.</i>
CLEANING	<i>Clean all tools and equipment with clean water immediately after use.</i>
TOP COAT	<i>To achieve good colour retention and minimum dirt pick up for external walls, it is recommended to top-coat KANSAI ENVIROSHIELD 602 AC with KANSAI ENVIROSHIELD 604 AC which has better colour retention and better dirt pick up resistance.</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.