

PRODUCT NAME :	KANSAI SURESEAL 690 SPUA
DESCRIPTION :	<p>KANSAI SURESEAL 690 SPUA is a solvent free, two-component pure polyurea coating. The seamless coating provides an elastic yet tear resistant surface for applications subjected to extreme wear and tear, strong impact and chemical exposure. Except for some yellowing effect, the coating is suitable for outdoor applications. A non-yellowing topcoat is recommended for area where color stable finishing is required. Meets BS 6920 for lining of potable water tanks and pipes.</p>
RECOMMENDED USE :	<p>KANSAI SURESEAL 690 SPUA is suitable for indoor and outdoor applications. It is suitable for the following applications</p> <ul style="list-style-type: none"> • Indoor and outdoor floor slab • Portable water tank & pipe lining • Anti-corrosion coating for buried and submarine steel pipes • Sewage treatment plants • Secondary Containment for chemical tanks • Lining on concrete or brick wall to prevent fragmentation during explosion • Waste water tanks • Waterproofing • Water theme park • Cold room flooring
PERFORMANCE :	<ul style="list-style-type: none"> • Seamless • Attractive - provides a very smooth and aesthetic surface in a wide range of colours. • Hard wearing - exhibits excellent abrasion resistance • Elastic- Bridge cracks on concrete surface. • Non-skid – excellent grip. • Chemical resistance - very good resistance towards many industrial chemicals. • Not sensitive to environmental conditions during application. • Suitable for extremely cold temperature.

<i>PHYSICAL PROPERTIES</i>	
<i>COLOUR</i>	<i>Refer to colour chart (When exposed to UV may occur colour change)</i>
<i>VOLUME SOLIDS</i>	<i>100%</i>
<i>NO. OF COMPONENTS</i>	<i>Two</i>
<i>NO. OF COATS</i>	<i>One or two</i>
<i>RECOMMENDED</i>	
<i>MIXING RATIO</i>	<i>1 to 1 by volume</i>
<i>RECOMMENDED</i>	<i>1.0 to 3.0 mm thick</i>
<i>THICKNESS</i>	
<i>THEORETICAL</i>	<i>2 litre/m² @ 2.0 mm</i>
<i>COVERAGE</i>	
<i>DRYING TIME</i>	<i>Tack free time : 30 seconds</i> <i>Full Cure : 3 days</i>
<i>PACKING SIZE</i>	<i>Part A – 20 L</i> <i>Part B – 20 L</i>
<i>MECHANICAL</i>	
<i>PROPERTIES</i>	<i>Tensile strength (ASTM D412) : 21.7 N/mm²</i> <i>Elongation (ASTM D412) : 450%</i> <i>Tear Strength : 81.3 N/mm</i> <i>Hardness (ASTM D2240) : 43 Shore D</i> <i>Impact resistance : Excellent</i> <i>Abrasion resistance : 0.01 g/1000 cycles</i> <i>Taber Abrader (1000 g/CS10)</i> <i>Water resistance : Not permeable</i> <i>Temperature Resistance : 170°C</i>
<i>SURFACE PREPARATION</i>	<i>Concrete surface should be clean and free from oil, grease and other contaminants. New concrete shall be allowed to cure for at least 28 days before application of primer. The ideal mode of surface preparation for concrete is abrasive blasting.</i> <i>Steel surface shall be free from oil and grease. The surface to be coated shall be dry abrasive blasted to Sa2.5 in accordance with ISO 8501-1.</i>

APPLICATION

This material is designed for application with heated, plural component airless spray equipment.

The transfer pump of at least 2:1 ratio is required to prevent cavitation of the proportioning pump.

Because of the relatively high viscosity and fast reactivity of this product, pressure of at least 2000 psi is required to ensure satisfactory mixing.

CLEANING

Clean all tools and equipment with KANSAI PLC CLEANER #72 immediately after use.

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.