

PRODUCT NAME :	KANSAI SURESEAL 650 PU
DESCRIPTION :	<i>KANSAI SURESEAL 650 PU is a polyurethane elastomer coating system. The tough and elastic coating can be used as waterproofing as well as flooring materials. It provides a water-tight, crack-bridging seamless coating for waterproofing applications and a safe and comfortable surface for both indoor and outdoor sports facilities.</i>
RECOMMENDED USE :	<p><i>KANSAI SURESEAL 650 PU is suitable for both indoor and outdoor applications. It is also suitable for the following applications</i></p> <ul style="list-style-type: none"> • <i>Indoor and outdoor waterproofing</i> • <i>Parking garage – wear resistance and waterproofing</i> • <i>Hospital and office flooring – quiet and seamless</i> • <i>Sports facility flooring – prevent injuries</i> • <i>Safety flooring for amusement parks and playgrounds – prevent impact injuries</i> • <i>Safety flooring – non-skid surface.</i> • <i>Lining for water and waste water tanks – protection</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Seamless – easy to maintain</i> • <i>Attractive - provides a very smooth and aesthetic surface in a wide range of colours.</i> • <i>Hard wearing - exhibits excellent abrasion resistance.</i> • <i>Non-skid – excellent grip.</i> • <i>Non-reflective - won't cause any visibility problem due to reflection of light.</i> • <i>Low odour - no strong unbearable odour like some other flooring materials.</i> • <i>Chemical resistance - very good resistance towards many cleaning chemicals.</i> • <i>Environmental friendly - ZERO VOC content</i>
PHYSICAL PROPERTIES	
COLOUR	<i>Wide range of colours</i>
SOLIDS	<i>100%</i>
NO. OF COMPONENT	<i>Two</i>
MIXING RATIO	<i>3 Part A to 1 Part B by weight</i>
RECOMMENDED THICKNESS	<i>1.0 to 3.0 mm thick.</i>
THEORETICAL COVERAGE	<i>1.2 kg/m² for 1.0 mm thickness.</i>
MODULUS OF ELASTICITY	<i>2.60 Pa</i>

ELONGATION AT BREAK	359 %
NO. OF COATS	One
RECOMMENDED	
RESISTANCE TO UV	Excellent
WATER RESISTANCE	Not permeable
POT LIFE	30 – 45 minutes at 30oC
DRYING TIME	Tack free time : 4 hours Touch dry : 12 hours
PACKING SIZE	5 kg : Part A – 3.75 kg Part B – 1.25 kg 10 kg : Part A – 7.5 kg Part B – 2.5 kg
SURFACE PREPARATION	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.
PRIMER	Application of KANSAI SURESEAL PS28 epoxy penetrating primer or KANSAI PLC 318 EP pigmented epoxy primer will enhance the adhesion of the topping materials to the concrete slab and avoid excessive bubbling during application of topping.
TOPPING	KANSAI SURESEAL 650PU materials are ready packed in pre-weighed packing.
MIXING	Stir Part A thoroughly then add the entire content of Part B into Part A container and mix till homogeneous.
APPLICATION	Mixed materials shall be spread using trowels according to the recommended coverage. Special care must be taken to ensure mixed materials are poured out from the containers as soon as possible after mixing to prevent excessive heating during the chemical reaction between the resin and the hardener that will shorten the pot life of the mix. The materials shall be spike rolled thoroughly after spreading to remove bubbles formed during spreading.
TOPCOAT (OPTIONAL)	Mixed KANSAI PLC 310 PU Topcoat shall be applied by roller or spray onto the hardened surface of KANSAI SURESEAL 650 PU undercoat in parallel passes.
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.