

PRODUCT NAME :	KANSAI SURESEAL 652 PU
DESCRIPTION :	<i>KANSAI SURESEAL 652 PU is a 2-component solvent-free polyurethane elastomer. The tough and elastic material can be used as waterproofing, sealant, crack bridging coating for walls 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 652 PU is suitable for indoor and outdoor applications. It is 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>Sealant for expansion joints.</i> • <i>Crack bridging coating for vertical wall</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>Crack bridging and excellent elongation</i> • <i>Hard wearing - exhibits excellent abrasion resistance.</i> • <i>Non-skid – excellent grip.</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	
SOLIDS	100%
NO. OF COMPONENT	Two
MIXING RATIO	4 part A to 1 Part B by weight
RECOMMENDED THICKNESS	0.3 to 3.0 mm thick.
THEORETICAL COVERAGE	1.2 kg/m ² per 1.0 mm
MODULUS OF	2.60 Pa

<i>ELECTRICITY</i>	
<i>ELONGATION AT BREAK</i>	359 %
<i>NO. OF COATS</i>	One
<i>RECOMMENDED</i>	
<i>RESISTANCE TO UV</i>	Excellent
<i>WATER RESISTANCE</i>	Not permeable
<i>POT LIFE</i>	30 – 45 minutes at 30oC
<i>DRYING TIME</i>	Tack free time : 4 hours Touch dry : 12 hours
<i>PACKING SIZE</i>	Part A – 4 kg Part B – 1 kg
<i>SURFACE PREPARATION</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.
<i>PRIMER</i>	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 seal the surface porosity to avoid excessive bubbling during application of topping. For application over existing coatings, please consult KANSAI PLC Technical Division for recommendations.
<i>TOPPING</i>	KANSAI SURESEAL 652 PU materials are ready packed in pre-weighed packing.
<i>MIXING</i>	Stir Part A thoroughly then add the entire content of Part B into Part A container and mix till homogeneous.
<i>APPLICATION</i>	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.
<i>TOPCOAT (OPTIONAL)</i>	KANSAI SURESEAL 653 PU or KANSAI PLC 310 PU topcoats shall be applied by roller or spray onto the hardened surface of KANSAI SURESEAL 652 PU.
<i>CLEANING</i>	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.