

PRODUCT NAME :	KANSAI SURESEAL VE
DESCRIPTION :	<i>KANSAI SURESEAL VE is a pigmented or clear vinyl ester resin flooring or repair system. It can be used with glass fiber matt for high chemical resistance lamination or resin mortar with quartz aggregates.</i>
RECOMMENDED USE :	<i>Areas subjected to corrosive chemical spillage like concentrated acids and alkali especially in: - chemical plants, paper mills, food processing factories, pharmaceutical factories, secondary containment for tank farm, galvanizing plants Usually used on floors and internal tank lining for direct contact with corrosive chemicals.</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Seamless – prevents ingress of chemicals into the substrate and prevents bacterial growth.</i> • <i>Easy housekeeping – extremely easy to maintain</i> • <i>Hard wearing – exhibits excellent abrasion resistance for heavy vehicular traffic.</i> • <i>Chemical resistance – very good resistance towards most corrosive chemicals</i> • <i>Environmental friendly – ZERO VOC content</i> • <i>Fast cure – Can be open for light traffic within six hours</i>
PHYSICAL PROPERTIES	
<i>Color</i>	<i>Wide range of colors</i>
<i>Volume Solids</i>	<i>100 % Volume Solid: Measured by ISO 3233-1998/ Cor. 1: 1999</i>
<i>Recommended Thickness</i>	<i>1 mm to 2 mm for resin screed</i>
<i>Theoretical Coverage</i>	<i>1 m²/Liter @1mm DFT</i>
<i>Practical Coverage</i>	<i>Varies depending on surface condition, environment, application, etc.</i>
<i>No of Component</i>	<i>Two</i>
<i>Drying Time</i>	<i>Initial cure – 4 hours Full traffic – 24 hours</i>
<i>Gel Time</i>	<i>30 minutes at 30°C</i>
<i>Packing Size</i>	<i>Part A – 19.8 kg Part B – 0.2 kg</i>
SHELF LIFE	<i>6 month from date of production</i>
STORAGE	<i>Store in dry, cool condition and away from sources of heat and ignition. Storage temperature around 5°C to 40 °C. Containers must be kept tightly closed. Stored conditions shall be in accordance with national regulations.</i>

<p>SURFACE PREPARATION</p>	<p>Concrete surface should be clean and free from oil, grease and other contaminants. New concrete shall allowed to cure for at least 28 days before application of primer. Abrasive blasting is most recommended to provide clean and rough surface for good adhesion. Steel surface should be dry abrasive blasted to a near white metal finish with at least 50 microns of surface profile.</p> <p>PRIMER: KANSAI PLC 318 EP is recommended for concrete surfaces to ensure tight adhesion. No primer is required for steel surface.</p>
<p>APPLICATION CONDITIONS</p>	<p><u>FOR RESIN SCREED APPLICATION</u></p> <p>BOND COAT: Apply a coat of resin over the primed surface and immediately followed by the laying of the screed.</p> <p>MIXING: Stir Part A thoroughly then add the entire content of Part B into Part A, and mix till homogenous. Pour the mixture into a mortar mixer and mix in Part C aggregates until homogeneous (available upon request).</p> <p>APPLICATION: The mixed materials shall be spread using trowels according to the recommended coverage. 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 catalyst. That will shorten the pot life of the mix. Mechanical trowel can be used to speed up the process.</p> <p>SEALER: A sealer coat is always recommended to the semi-cured surface to seal the micro pores on the surface and enhance the surface hardness.</p> <p><u>FOR FRP APPLICATION</u></p> <p>All fiber mat must be cut to the suitable size prior to the mixing of the resin materials. All overlapping of chopped strand mat shall be at least 5 cm.</p> <p>BOND COAT: Apply a resin coat over the surface to be lined. Chopped strand mat is placed over the resin. Use a serrated roller to squeeze the resin into the mat.</p> <p>FIBER COAT: Pour more resin over the fibre mat and roll with serrated roller to release trapped air. Grind to remove standing fibre after fully dried if necessary.</p> <p>TOPCOAT: Apply a layer of topcoat containing wax over the previous surface.</p> <p>Cleaning: Clean all application tools with KANSAI PLC Thinner # 711 immediately after use.</p> <p>If it is desired to overcoat outside the times stated on the data sheet, please seek advice from Kansai Paint Asia Pacific representative.</p>
<p>HEALTH AND SAFETY</p>	<p>Consult Chemical Safety Data Sheet for information on safe handling and application of this product</p>



Keep seal tight



Secure upright



Wear proper protection



Practice proper disposal

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.