

PRODUCT NAME :	KANSAI SUREGLASS VE
DESCRIPTION :	<i>KANSAI SUREGLASS VE is a high-build glass-flake reinforced vinyl ester coating suitable for immersion service of highly corrosive materials. It is a superior chemical tank lining that can withstand a wide spectrum of liquid and solid cargoes. The well-arranged glass-flakes in the vinyl ester matrix will form an excellent barrier against permeation and thus contributed to the extremely high chemical resistance.</i>
RECOMMENDED USE :	<i>KANSAI SUREGLASS VE can be applied over steel and concrete surfaces subjected to exposure of corrosive chemicals or immersion of highly corrosive chemicals or solvents. It is most suitable for chemical tank lining for corrosive chemicals as well as the protective floor topping for areas subjected to splash and spillage of aggressive chemicals</i>
PERFORMANCE :	<ul style="list-style-type: none"> • <i>Chemical resistance - excellent resistance against a broad spectrum of chemicals.</i> • <i>High build - can build up to 750 to 1000 microns in one coat.</i> • <i>Anti-corrosion - excellent barrier properties.</i> • <i>Fast dry - Minimum down time suitable for maintenance service.</i>
PHYSICAL PROPERTIES	
<i>Finish</i>	<i>Matt</i>
<i>Color</i>	<i>Refer to color chart</i>
<i>Volume solid</i>	<i>100 %</i>
<i>No. of components</i>	<i>Two</i>
<i>Recommended thickness</i>	<i>750 to 1000 microns DFT per coat</i>
<i>Recommended DFT</i>	<i>1000 microns WFT per coat</i>
<i>Theoretical coverage</i>	<i>2.0 m²/liter @ 500 microns DFT</i>
<i>No. of coats</i>	<i>One or two</i>
<i>Drying time</i>	<i>Touch dry : 45 minutes</i> <i>Re-coat : 1 hour</i> <i>Full cure : 12 hours</i>
<i>Pot life</i>	<i>30 minutes (varies with temperature)</i>
TEMPERATURE RESISTANCE	
<i>Continuous, dry</i>	<i>160°C</i>
<i>Immersion</i>	<i>90°C</i>
PACKING SIZE	<i>Part A - 19.8 liters</i> <i>Part B - 0.2 liters</i>

CHEMICAL RESISTANCE																									
GUIDE	<table border="1"> <thead> <tr> <th>Exposure</th> <th>Immersion</th> <th>Splash & Spillage</th> <th>Fumes</th> </tr> </thead> <tbody> <tr> <td>Acids</td> <td>Very Good</td> <td>Excellent</td> <td>Excellent</td> </tr> <tr> <td>Alkali</td> <td>Very Good</td> <td>Excellent</td> <td>Excellent</td> </tr> <tr> <td>Solvents</td> <td>Good</td> <td>Excellent</td> <td>Excellent</td> </tr> <tr> <td>Salt water</td> <td>Excellent</td> <td>Excellent</td> <td>Excellent</td> </tr> <tr> <td>Water</td> <td>Excellent</td> <td>Excellent</td> <td>Excellent</td> </tr> </tbody> </table>	Exposure	Immersion	Splash & Spillage	Fumes	Acids	Very Good	Excellent	Excellent	Alkali	Very Good	Excellent	Excellent	Solvents	Good	Excellent	Excellent	Salt water	Excellent	Excellent	Excellent	Water	Excellent	Excellent	Excellent
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SURFACE PREPARATION	<p>Remove oil or grease from surface to be coated with clean rags soaked in KANSAI PLC Cleaner #72 in accordance with SSPC-SP1.</p> <p>STEEL :</p> <p>Dry abrasive blast to ISO Sa2 ½ or SSPC-SP10 near white metal finish with sharp blast profile about 50 to 75 microns.</p> <p>CONCRETE :</p> <p>New concrete must be cured for at least 28 days. Old concrete must be sound and clean. Abrasive blast will provide best surface for good bonding. KANSAI PLC 318 EP is the recommended primer to ensure good adhesion and compatibility.</p>																								
MIXING	Mix Part A thoroughly then add in Part B and mix till homogeneous. Do not mix more materials than the quantity to be consumed within the pot life.																								
THINNING	This is a solvent free system and thinning is not recommended. If the viscosity is too high for the spray equipment, viscosity can be reduced by adding not more than 10% of diluents																								
APPLICATION	For steel surface, do not apply when the surface temperature is less than 3°C above the dew point. Use airless spray pump of minimum 30:1 ratio with reverse clean tip and surge tank filter removed.																								
CLEANING	Clean all application tools with KANSAI PLC THINNER # 711 immediately after use.																								

For further information on Product Data, please contact

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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.