



SPORTHANE VERTICAL SURFACE WATERPROOFING COAT is a two component, polyurethane resin Based vertical surface waterproof coating with excellent weatherability and elongation to provide adaptability to crack of substrate.

<b>Recommended use</b>	As a vertical surface waterproof coating for roof and other parts of buildings.
------------------------	---

### Physical Properties

<b>Finish and Color</b>	Green Other colors are available on request.
<b>Specific gravity</b>	Approx. 1.40
<b>Solids by volume</b>	Above 91.5%
<b>Spreading rate (Theoretical)</b>	3.12Kg/m <sup>2</sup> in 2mm dry film thickness on a smooth vertical surface.
<b>Flash point</b>	28 °C (Closed cup)

### Application details

<b>Surface preparation</b>	* Do not apply coating unless concrete has cured at least 28 days at 20°C/68°F and below 80% R.H or equivalent. * Moisture content of the surface must be below 6%. * The surface should be free of laitance. * This can be accomplished by finishing technique, abrasive blasting, grinding, etc.		
<b>Preceding coat</b>	SPORTHANE PRIMER or according to specification.		
<b>Method of application</b>	Putty Knife, Rake and Spatula.		
<b>Mixing</b>	Base(PTA) : Curing Agent(PTB) = 3.18 : 1 (by weight). Mix separately, then combine together and mix thoroughly with high speed dissolver for 5 minutes prior to application.		
<b>Thinning</b>	Do not dilute.		
<b>Application conditions</b>	* Do not apply when the temperature is less than 5°C/41°F, and relative humidity is above 80%. * The surface temperatures must be at least 3°C (5°F) above dew point to prevent condensation.		
<b>Film thickness</b>	Recommended per coat 2mm dry.		

<b>Drying time</b>		5°C/41°F	20°C/68°F	30°C/86°F
	Dry through	48 hours	24 hours	18 hours
	Fully cured	10 days	5 days	3 days

<b>Subsequent Coat</b>	SPORTHANE TOPCOAT or according to specification.		
------------------------	--	--	--

<b>Pot life</b>		5°C/41°F	20°C/68°F	30°C/86°F	
	Pot Life	50 mins.	30 mins.	20 mins.	
	Recoating Interval	Min.	36 hours	24 hours	12 hours
		Max.	96 hours	72 hours	48 hours

### Storage and package

<b>Shelf life</b>	BASE (PTA) : 12 months CURING AGENT (PTB) : 12 months
<b>Storage</b>	* Store in cool, dry, well-ventilated place.
<b>Packing Unit</b>	Base(PTA) : Curing Agent(PTB) = 16.85Kg : 5.3 Kg
<b>Remarks</b>	
<b>Note</b>	<ul style="list-style-type: none"> <li>* If the surface is not tacky from rain and snow, SPORTHANE PRIMER should be applied prior to application.</li> <li>* Bubbling may occur in case of applying this material in the high temperature (air : above 28°C/82°F, surface : above 40°C/104°F).</li> <li>* Do not store at temperature above 30°C/86°F.</li> <li>* Use adequate ventilation.</li> <li>* Avoid contact with skin and eyes, and prolonged breathing of solvent vapors.</li> <li>* In case of contact, wash with organic solvent and followed by soap and water cleaning.</li> <li>* Respiratory protection is recommended when applying this product in confined spaces or stagnant air.</li> <li>* Clean equipment with SPORTHANE THINNER immediately after use.</li> </ul>
<b>1'st issue</b>	2011-07-01
<b>Revision</b>	

Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.

