



SPORTHANE EXPOSURE WATERPROOFING COAT is a two component, polyurethane resin based waterproof coating with excellent weathering and elongation to provide adaptability to crack of substrate.

Recommended use	As a waterproof coating for exposed area of roof and other parts of buildings.
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Physical Properties

Finish and Color	Gloss. Grey, Green. Other colors are available on request.
Specific gravity	Approx. 1.4
Solids by volume	Above 94%
Spreading rate (Theoretical)	4.4Kg/m ² in 3m/m dry film thickness on a smooth surface.
Flash point	151 °C (Closed cup)

Application details

Surface preparation	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.
Preceding coat	SPORTHANE PRIMER or according to specification. SPORTHANE PRIMER + Scraping: SPORTHANE EXPOSURE WATERPROOFING COAT (0.5~0.8mm)
Method of application	Rake and Spatula
Mixing	Base(PTA) : Curing Agent(PTB) = 1 : 2.66(by weight). Mix separately, then combine together and mix thoroughly with high speed dissolver for 5 minutes prior to application.
Thinning	Do not dilute.
Application conditions	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.

Film thickness Recommended per coat 2- 3m/m dry (Except for scraping)

Drying time		5°C/41°F	20°C/68°F	30°C/86°F
	Set to touch	10 hours	5 hours	3 hours
	Dry through	48 hours	24 hours	18 hours
	Fully cured	10 days	5 days	3 days

Subsequent Coat SPORTHANE TOPCOAT or according to specification.

Pot life		5°C/41°F	20°C/68°F	30°C/86°F
	Pot Life	50 mins.	30 mins.	20 mins.

Recoating		5°C/41°F	20°C/68°F	30°C/86°F
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interval	Min.	48 hours	24 hours	18 hours
	Max	96 hours	48 hours	36 hours
Storage and package				
Shelf life	BASE (PTA) : 12 months CURING AGENT (PTB) : 12 months * Store in cool, dry, well-ventilated place			
Packing Unit	Base(PTA) : Curing Agent(PTB) = 8.3Kg : 22.1 Kg X 1 5.46Kg : 14.54 Kg X 1			
Remarks				
Note	<p>If the surface is not tacky from rain and snow, SPORTHANE PRIMER should be applied prior to application.</p> <p>In this time, spreading rate of SPORTHANE PRIMER is 0.1Kg/m².</p> <p>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).</p> <p>Do not store at temperature above 30°C/86°F. Use adequate ventilation.</p> <p>Avoid contact with skin and eyes, and prolonged breathing of solvent vapors.</p> <p>In case of contact, wash with organic solvent and followed by soap and water cleaning.</p> <p>Respiratory protection is recommended when applying this product in confined spaces or stagnant air.</p> <p>Clean equipment with THINNER No.002 immediately after use.</p>			
1'st issue	2011-09-01			
Revision				

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.

