



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

Product name :

1) Base (PTA) : SPORTHANE EXPOSURE WATERPROOFING COAT K PTA

2) Curing Agent (PTB) : SPORTHANE EXPOSURE WATERPROOFING COAT K PTB

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	Green, Grey (Gloss) Other colors are available on request.
Specific gravity	Approx. 1.48
Solids by volume	91 ± 3%
Spreading rate (Theoretical)	4.85Kg/m ² in 3mm dry film thickness on a smooth surface.
Flash point	145 °C / 293°F (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 K (0.5~0.8mm)
Method of application	Rake, Roller, Spatula
Mixing	Polyol Part(PTA) : Isocyanate Part(PTB) = 3.75 : 1 (by weight). Mix separately, then combine together and mix thoroughly with high speed dissolver for 5 minutes prior to application.
Thinning	Do not dilute. * Recommended diluent if necessary : SPORTHANE THINNER
Substrate	Concrete
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.

	※ Atmospheric temperature : 5–30℃ / Surface temperature : 40℃ or lower / Relative humidity : 80% or lower / Concrete moisture content : 6% or lower			
Film thickness	Recommended per coat 2– 3m/m dry (Except for scraping)			
Drying time		10℃/50°F	20℃/68°F	30℃/86°F
	Set to touch	12 hours	6 hours	4 hours
	Dry through	72 hours	36 hours	24 hours
	Fully cured	10 days	5 days	3 days
	(Refer to the above drying time measured in laboratory conditions and it may change depending on the work site.)			
Subsequent Coat	Urethane top coat "SPORTHANE TOP COAT" or according to specification.			
Pot life		10℃/50°F	20℃/68°F	30℃/86°F
	Pot Life	50 mins.	30 mins.	20 mins.
	(Refer to the above drying time measured in laboratory conditions and it may change depending on the work site.)			
Recoating interval		10℃/50°F	20℃/68°F	30℃/86°F
	Min.	48 hours	24 hours	18 hours
	Max	96 hours	48 hours	36 hours
	(Refer to the above drying time measured in laboratory conditions and it may change depending on the work site.)			

Storage and package	
Shelf life	1) Base (PTA) : 6 months 2) Curing Agent (PTB) : 12 months
Storage	* Store in cool, dry, well-ventilated place (5 ~ 25 °C) * Do not store Outdoors. Storing outdoor exposure causes poor storage performance and Causes Sedimentaion.
Packing Unit	1) Base (PTA) : 15.8 kg 2) Curing Agent (PTB) : 4.2 kg

Remarks	
Handling	* If the surface is not tacky from rain and snow, SPORTHANE PRIMER should be applied prior to application.
Precautions	* Bubbling may occur in case of applying this material in the high temperature (air : above 28℃/82°F, surface : above 40℃/104°F). * Do not store at temperature above 30℃/86°F. * Use adequate ventilation. * Avoid contact with skin and eyes, and prolonged breathing of solvent vapors. * In case of contact, wash with organic solvent and followed by soap and water cleaning. * Respiratory protection is recommended when applying this product in confined spaces or stagnant air. * Clean equipment with "SPORTHANE THINNER" immediately after use.

Note	
1'st issue	2023-04-05
Revision	2023-04-05

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.

