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

Recommended use	As a waterproof coating for hidden area of roof and other parts of buildings.

Physical Properties

Finish and Color	Black Other colors are available on request.
Specific gravity	Mixed : Approx. 1.47
Spreading rate (Theoretical)	4.85Kg/㎡ in 3m/m dry film thickness on a smooth surface
Flash point	130 ℃(Closed cup).

Application details

Surface preparation	Do not apply coating unless concrete has cured at least 28 days at 20℃/68℉ 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 NON-EXPOSURE WATERPROOFING COAT (0.5~0.8mm)
Method of application	Rake, Roller, Spatula.
Mixing	PTA(Part A) : PTB(Part B) = 3 : 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.
Application conditions	Do not apply when the temperature is less than 5℃/41℉, and relative humidity is above 80%. The surface temperatures must be at least 3℃(5℉) above dew point to prevent condensation.
Film thickness	Recommended per coat 2-3m/m dry (Except for scraping)

Drying time		5℃/41℉	20℃/68℉	30℃/86℉
	Set to touch	10h	5h	3시h
	Dry through	48h	24h	18h
	Fully cured	10days	5days	3days

Subsequent Coat	Protection mortar or according to specification.

Pot life			5℃/41℉	20℃/68℉	30℃/86℉
	Pot Life		50min	30min	20min
	Recoating Interval	Min.	48h	24h	18h
		Max.	92h	48h	36h

Storage and package

Shelf life	PTA : 12 months
	PTB : 12 months
Storage	* Store in cool, dry, well-ventilated place.
Packing Unit	PTA(Part A) : PTB(Part B) = 24 Kg : 8 Kg
	PTA(Part A) : PTB(Part B) = 15 Kg : 5 Kg

Remarks

Note	If the surface is not tacky from rain and snow, SPORTHANE PRIMER should be applied prior to application. In this time, spreading rate of SPORTHANE PRIMER is 0.1Kg/㎡. Bubbling may occur in case of applying this material in the high temperature (air : above 28℃/82℉, surface : above 40℃/104℉). Do not store at temperature above 30℃/86℉. 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.
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Revision	

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