



Spotan High Hard Flooring (Sealer)" is a two-component paint mainly composed of polyurethane resin.

It is a sealer product for polyurea with excellent mechanical properties.

Recommended use	Concrete waterproofing / parking lot / water tank floor for polyureacoatings
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Physical Properties

Finish and Color	Gloss. Green, Light grey Other colors are available on request.
Specific gravity	Approx. 1.41
Solids by volume	Above 88 %
Spreading rate (Theoretical)	0.8Kg/m ² in 0.5mm dry film thickness on a smooth surface. (Theoretical)
Flash point	59°C (Closed cup).

Application details

Surface preparation	1) Concrete must be cured at least 28 days at 20°C / 68 °F and below 80% RH or equivalent 2) Remove any oil and grease from surface to be coated. Surface must be grinded or abrasive blasted to remove laitance and other impurities. 3) Optimum pH value is 7 ~ 9 %. 4) Moisture content of the concrete surface must be below 6%. 5) Any defected surface area such as a gap, groove or crack and Joint area should be V-Cut. After V-Cutting, Apply 'SPORTHANE PRIMER(High viscosity)' and seal with 'KORESEAL PU9330(N)'. (SPORTHANE PRIMER(High viscosity) : KCC Urethane primer, KORESEAL PU9330(N) : KCC Urethane sealer)			
Preceding coat	SPORTHANE PRIMER(High viscosity) or according to specification.			
Method of application	Rake and Spatula.			
Mixing	PTA(Part A) : PTB(Part B) = 2.8 : 1 (by Weight). Mix separately, then combine together and mix thoroughly with high speed dissolver for 2~3 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	500µm			
Drying time		5°C/41°F	20°C/68°F	30°C/86°F
	Set to touch	12 hours	8 hours	5 hours

		Dry through	48 hours	24 hours	18 hours
		Fully cured	10 Days	5 Days	3 Days
Subsequent Coat	HYPERUREA PU295A , HYPERUREA HB195A or according to specification.				
Pot life		5°C/41°F	20°C/68°F	30°C/86°F	
	Pot Life	50 mins.	40 mins.	30 mins.	
Recoating interval		5°C/41°F	20°C/68°F	30°C/86°F	
	Recoating Interval	Min	48 hours	24 hours	18 hours
		Max	72 hours	48 hours	36 hours

Storage and package

Shelf life	PTA, PTB : 12 months * Store in cool, dry, well-ventilated place.
Packing Unit	Base(PTA) : Curing Agent(PTB) = 14.74 Kg : 5.26 Kg

Remarks

Handling	If the surface is not tacky from rain and snow, SPORTHANE PRIMER(High viscosity)
Precautions	should be applied prior to application. When applying the overcoat, blistering may occur. Be sure to paint with the recommended film thickness once. In this time, spreading rate of SPORTHANE PRIMER(High viscosity) is 0.1Kg/m². 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). Do not store at temperature above 30°C/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.
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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.

