

UMEGUARD SX

(UG SX)

UMEGUARD SX, surface tolerant paint, is a epoxy type paint.

It gives excellent physical properties such as adhesion, toughness and abrasion resistance, etc. and chemical resistance to water, salt water and crude oil.

TECHNICAL DATA

<i>Type</i>	Epoxy paint				
<i>Recommended Use</i>	Inside and outside of accommodation space, void space, cofferdam, engine room, pipe line, other steel structures, etc.				
<i>Information</i>	Mixing Ratio	: Base : Hardener = 85 : 15 [by volume]			
	Color	: White, Black, Grey, etc			
	Flash Point	: Base = 23.5, Hardener = 19.0 [°C]			
	Density	: 1.34 [g/mL] (ISO:2811)			
	Volume solids (VS)	: 57(+/-2) [volume %] (ISO:3233)			
	VOC	: 432 [g/L] (Method24)			
	Coverage (Theoretical)	: 0.132 - 0.351 [L/m ²]			
	Film Thickness	: WET 132 - 351 [microns] DRY 75 - 200 [microns]			
Drying Time	Set-to-touch	5 °C	10 °C	20 °C	30 °C
		4.5hrs.	3.5hrs.	2.5hrs.	1.5hrs.
	Hard Dry	44hrs.	27hrs.	17hrs.	12hrs.
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	Max *	-	-	-	-
Pot Life	24hrs.	14hrs.	8hrs.	5hrs.	
<i>Condition of Application</i>	Method of Application	: Airless spray, Brush, Roller			
	Weather	: Temperature:Minimum 5 °C, Humidity:Maximum 85 %RH, Dew Point +Minimum 3 degC			
	For Airless Spray	: Viscosity : 1.5 - 2.0Pa·s Tip No. : (GRACO)419 - 623 Paint Output Pressure: 14.7 - 17.7[MPa] Spray Speed : 60 - 80[cm/sec]			
	Thinner	: EPOXY THINNER A, Thinning: 0 - 15 % by Volume			
	Preceding Coats	: NZ PRIMER S, CERABOND 2000, EPICON ZINC RICH PRIMER B-2			
	Subsequent Coats	: EPICON FINISH HB, ACRI 700 FINISH ST, etc			

UMEGUARD SX (Dec.2018rev)

<i>Packaging</i>	Two pack product
<i>Notes</i>	<p>*: Kindly consult with CMP sales office.</p> <ol style="list-style-type: none">1.In case that thick film application is required, please apply N6, N7 or Red brown color product.2.Ventilation shall be maintained from coating application until the completion of curing in order to remove residue of solvents and promote curing.3.Agitate Base with a power agitator until it is turned homogeneous, and then combine entire contents of Hardener with Base and mix thoroughly by with power agitator.4.Excessive thinning results in reduced sag resistance and paint film property.5.*If there is a possibility that the painted surface will be in direct sunlight, the succeeding coat should be applied, as soon as possible after the minimum painting interval.6.In common with all epoxy coatings, UMEGUARD SX will show chalking and fading on exposure to UV light.7.Density, VS and VOC are measured from product samples without thinning. Values may vary depending on color, manufacturing process, local regulations, etc.

This product should be used only by professional applicators. Consult the current Chugoku Marine Paints Safety Data Sheets. Follow all local or national health, safety and environmental regulations. Observe all safety labels on packaging and containers. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only at ventilated areas. Handle with care.

This data sheet contains the best and latest of our knowledge on the date of issue on our laboratory in Japan testing and practical application experience, and subject to change without notice. Since the paints are used under unexpected circumstances in some cases, guarantee can not be given except on the quality of those paints themselves.