

# UMEGUARD SX

UMEGURD SX, a surface tolerant paint, is an epoxy resin 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

Type	Epoxy paint				
Recommended Use	Inside and outside of accommodation spaces, void spaces, cofferdams, engine rooms, pipe lines, other steel structures, etc.				
Information	Mixing Ratio	: Base : Hardener = 85 : 15 [by volume] Base : Hardener = 9 : 1 [by weight]			
	Color	: White, Black, Gray, Red Brown, etc			
	Flash Point	: Base = 23.5, Hardener = 19.0 [deg C]			
	Density	: 1.34 [g/ml]			
	Volume Solid	: 57 ± 2 [volume %]			
	Coverage (Theoretical)	: 0.132 - 0.351 [L/m <sup>2</sup> ], 0.177 - 0.470 [kg/m <sup>2</sup> ]			
	Film Thickness	: WET 132 - 351 [microns], DRY 75 - 200 [microns],			
	Drying Time	Set-to-touch	5 °C	10 °C	20 °C
			30 °C		
	Painting Interval	Min.	44 hrs.	27 hrs.	17 hrs.
		Max.	(*)	(*)	(*)
	Pot Life		24 hrs.	14 hrs.	8 hrs.
	Condition of Application	Method of Application	: Airless spray, Brush, Roller		
Weather		: Temperature : Min. 5 °C Humidity : Max. 85 % RH			
For Airless Spray		: Viscosity : 1.5 - 2.0 Pa s Tip No. : (GRACO) 621, 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, etc.			
Subsequent Coats		: EPICON FINISH HB, ACRI 700 FINISH G, etc.			
Packaging Size		Two pack product 20kg/set, 5kg/set for size in Indonesia only			
Storage	Shelf Life / 12 months after the date of production Subject to the satisfactory results of inspection, the product exceeding 12 months may be used.				
Safety	Follow all the local or national Health, Safety and Environment regulation. Read and follow all the precautionary notices on Material Safety Data Sheet and Container Labels. Apply only at ventilated areas. Handle with care.				
Notes	1. Agitate Base with a power agitator until it is turned homogeneous, and then combine entire contents of Hardener with Base and mix thoroughly by a power agitator. Then add appropriate thinner and mix thoroughly. 2.* Kindly consult with CMP sales office. 3. In case that thick film thickness is required, please apply N6, N7 or Red Brown color products. 4. As nature of epoxy coating, UMEGUARD SX cannot avoid chalking and fading on UV expose. 5. Density and Volume Solid are measurement data of product samples without thinner. And there are various value depending on color or manufacturing regulation etc.				

The information given in this sheet is effective at the date shown above and subject to revision from time to time without notice.