

UMEGUARD MT

UMEGUARD MT, is high solid, modified epoxy paint which is specially designed for steel surfaces prepared by high pressure fresh water cleaning. The surface does not need to be completely dry, and may be slightly damp during application.

This product has excellent tolerance for poor surfaces, with anti-corrosive properties and acid/alkali resistance.

TECHNICAL DATA

Type	Epoxy / special polyamine surface tolerant coating				
Recommended Use	Deck, Topside, Superstructure, Inland construction, Water ballast tank				
Information	Mixing Ratio	: Base : Hardener = 80 : 20 [by volume] Base : Hardener = 92 : 8 [by weight]			
	Color	: Light Grey, Reddish Brown			
	Flash Point	: Base = 34.6, Hardener = 97.7 [deg C]			
	Density	: 1.50 ± 0.05 [g/ml]			
	Volume Solid	: 82 ± 2 [volume %]			
	Coverage (Theoretical)	: 0.122 - 0.244 [L/ m ²], 0.183 - 0.366 [kg/ m ²]			
	Film Thickness	: WET 122 - 244 [microns], DRY 100 - 200 [microns],			
			20 °C	30 °C	40 °C
	Drying Time	Surface dry	14 hrs.	10 hrs.	6 hr.
		Hard dry	18 hrs.	14 hrs.	9 hrs.
	Painting Interval	Min.	24 hrs.	16 hrs.	12 hrs.
		Max.	10 days	7 days	5 days
	Pot Life		4 hrs.	3 hrs.	3 hrs.
Dry to Launch Min		6 days	4 days	3 days	
Condition of Application	Method of Application	: Airless spray, Brush, Roller			
	Weather	: Temperature : Min. 15 °C Humidity : Max. 95 % RH			
	For Airless Spray	: Viscosity : 1.5 - 2.5 Pa s Tip No. : (GRACO) 621 - 623 et al. Paint Output Pressure : 14.7 - 17.7 [Mpa] Spray Speed : 60 - 80 [cm/sec]			
	Thinner	: EPOXY THINNER A Thinning : 0 - 15 % by volume			
	Surface Preparation	Surface to be painted must be clean, free from rust, dust, oil, grease, etc, and dry. In case of direct application to the steel surface, SIS-St2 or 3 is acceptable. SSPC SP-11 is recommended.			
	Preceding Coats	: CERABOND 2000, EPICON ZINC RICH PRIMER B-2			
	Subsequent Coats	: UMEGUARD MT			
Packaging Size	Two pack product 20L/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 power agitator. Then add appropriate thinner and mix thoroughly. 2. As nature of epoxy coatings UMEGUARD MT can not avoid chalking and fading on 3. 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.