

UMEGUARD EG

UMEGUARD EG is a two component modified epoxy surface tolerant paint and specially designed for cargo hold and other dry spaces , etc.

It can be applied after easy surface treatment, and it provides a good hardwearing performance for scratching from various cargoes.

The product has a FDA certificate for Dry foods.

TECHNICAL DATA

Type	Epoxy type paint				
Recommended Use	Cargo holds, Void spaces, Cofferdams				
Information	Mixing Ratio	: Base : Hardener = 84 : 16 [by volume]			
		: Base : Hardener = 90 : 10 [by weight]			
	Color	: Light Grey, Red Brown, etc.			
	Flash Point	: Base = 34.0, Hardener = 31.0 [°C]			
	Density	: 1.58 [g/ml] (ISO:2811)			
	Volume Solid	: 82 (+/-2) [volume %] (ISO:3233)			
	VOC	: 204 [g/L] (Method 24)			
	Coverage (Theoretical)	: 0.122 - 0.305 [L/m ²], 0.193 - 0.482 [kg/m ²]			
	Film Thickness	: WET 122 - 305 [microns], DRY 100 - 250 [microns],			
	(DFT 150 microns)	5 °C	10 °C	20 °C	30 °C
	Drying Set-to-touch	: 14 hrs.	10 hrs.	4 hrs.	3 hrs.
	Time Hard dry	: 24 hrs.	17 hrs.	7 hrs.	4 hrs.
	Painting Min.	: 24 hrs.	17 hrs.	7 hrs.	4 hrs.
	Interval Max.	: 7 days	7 days	7 days	7 days
Pot life	: 3.5 hrs.	3 hrs.	2.5 hrs.	2 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) 419, 623 Paint Output Pressure: 15 - 25[MPa] Spray Speed : 60 - 80 [cm/sec]			
	Thinner	: EPOXY THINNER A Thinning : 0 - 8 % by volume			
	Preceding Coats	: NZ PRIMER S, EPICON ZINC RICH PRIMER B-2, etc.			
	Subsequent Coats	: -			
Packaging Size	Two pack product				
	20 Kg/set, 5 kg/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. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only at ventilated areas. Handle with care.				
Notes	<ol style="list-style-type: none"> 1. Ventilation shall be maintained from coating application until the completion of curing in order to remove residue of solvents and promote curing. 2. Agitate Base with a power agitator until it is turned homogeneous, and then combine entire contents of Hardener with Base and mix thoroughly with power agitator. 3. Excessive thinning results in reduced sag resistance and paint film performance. 				

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4. Drying time before the first cargo loading

DFT / Temperature	5°C	10°C	20°C	30°C
200 microns (Days)	25	16	10	5
350 microns (Days)	38	24	15	8

5. In common with all epoxy coatings, UMEGUARD EG will show chalking and fading on exposure to UV light.

6. Density, VS and VOC are measurement data of product samples without thinning. Values may vary depending on color, manufacturing process, local regulations, etc.

7. Color of Hardener may turn reddish after being stored for a long period of time, although this will not have any effect on the properties of the paint.

This product should be used only by professional applicators. Consult the current Chugoku Marine Paints Safety Data Sheets. This data sheet contains the best and latest of our knowledge on the date of issue on our laboratory test in Japan 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.

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