

PERMAX No.3300

PERMAX No.3300, based on a combination of epoxy resin with glass-flake. It provides excellent physical properties such as adhesion, toughness and abrasion resistance, etc., and chemical resistance to salt water, fresh water, crude oil, alkalis and weak acids.

It is suitable for protection of splash zones, underwater areas and tank interiors.

TECHNICAL DATA

Type	Epoxy mastic paint with glass flake			
Recommended Use	Splash zone and underwater area of ship's outer shell and offshore structures			
Information	Mixing Ratio	: Base : Hardener = 77 : 23 [by volume] Base : Hardener = 85 : 15 [by weight]		
	Color	: Light Grey, Red Brown, Black		
	Flash Point	: Base = 32.0, Hardener = 28 [deg C]		
	Density	: 1.46 [g/ml]		
	Volume Solid	: 80 ± 2 [volume %]		
	Coverage (Theoretical)	: 0.250 - 0.375 [L/ m ²], 0.365 - 0.548 [kg/ m ²]		
	Film Thickness	: WET 250 - 375 [microns] DRY 200 - 300 [microns]		
	Drying Time	Set-to-touch Hard dry	10 °C	20 °C
			4 hrs.	2.5 hrs.
			13 hrs.	7 hrs.
Painting Interval	Min. Max.	13 hrs.	7 hrs.	
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Pot Life		5 hrs.	3 hrs.	
Condition of Application	Method of Application	: Airless spray, Brush, Roller		
	Weather	: Temperature : Min. 10 °C Humidity : Max. 85 % RH		
	For Airless Spray	: Tip No. : Ball Tip GRACO BallTip No205-723, Zincgun(208-663) Paint Output Pressure : 14.7 - 19.7 [Mpa] Spray Speed : 60 - 80 [cm/sec]		
	Thinner	: EPOXY THINNER A Thinning : 0 - 6 % by Volume		
	Surface Preparation	: In case of direct application to the steel surface, ISO Sa2.5 is required. The surface to be painted must be clean, free from rust, oil grease or other foreign matter using power wash, detergent or solvent wipe.		
	Preceding Coats	: -		
	Subsequent Coats	: EPICON FINISH HB, 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	<ol style="list-style-type: none"> 1. Agitate Base with a portable mixer until it is turned homogeneous, and then combine entire contents of Hardener with Base and mix thoroughly by a portable mixer. Air must not be involved into component mixture during stir. Then add appropriate thinner and mix thoroughly. 2. Excessive thinning results in reduced sag resistance and paint film property. 3. Pay attention to short pot life. 4. Drying time before the first cargo hold loading. 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. 6. *Please refer to the painting specifications. 			

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