

# PERMAX NO.3000S-HB

PERMAX No.3000 S-HB, is a heavy duty coating material based on a combination of epoxy resin and polyamide resin with glass flake. It has the following advantages ;

1. Excellent anti - corrosive property
2. Super high build type ( It can be applied more than 1500 mm per coat )
3. Excellent application workability.
4. Excellent physical properties such as toughness, impact and abrasion resistance.
5. Excellent chemical properties such as oil resistance, fresh and sea water resistance, alkaline and weak acid resistance , etc.

## TECHNICAL DATA

Type	Epoxy / polyamide glass flake paint			
Recommended Use	As a protective coating for splash zone and submerged areas of offshore structures, ship, etc..			
Information	Mixing Ratio	Base : Hardener = 72 : 28 [by volume] Base : Hardener = 75 : 25 [by weight]		
	Color	Black, Light Grey, Cream		
	Flash Point	Base = 50.5 , Hardener = 80 [deg C]		
	V.O.C as supplied	54 g/l		
	Density	1,50 [g/ml]		
	Volume Solid	93 ± 2 [volume %]		
	Coverage (Theoretical)	1.61 - 2.47 [ L/m <sup>2</sup> ], 0.6 - 0.4 [ m <sup>2</sup> /L ], 2.42 - 3.71 [ Kg/m <sup>2</sup> ]		
	Film Thickness	WET	1610 - 2470 [microns]	63.4 - 97.2 ( mils )
		DRY	1500 - 2300 [microns]	59.1 - 90.6 ( mils )
	Drying Time	Set-to-touch	10 °C	20 °C
			16 hrs.	6 hrs.
		Hard dry	20 °C	30 °C
			48 hrs.	16 hrs.
Painting Interval	Min.	48 hrs.	24 hrs.	
	Max.	8 days	7 days	
Pot life	Max.	8 days	7 days	
	Pot life	2 hrs	45 Mins	
Condition of Application	Method of Application	Airless spray		
	Weather	Temperature : Min. 10 °C		
		Humidity : Max. 85 % RH		
	For Airless Spray	Viscosity : *8.0 Pa.s		
		Tip No. : (GRACO) 163 - 427 , 631 , 633 , 635		
		Paint Output Pressure : 17.7 - 21.5 [Mpa]		
	Thinner	EPOXY THINNER G		
Thinning : 0 - 3 % by volume				
Preceding Coats	EPICON ZINC HB - 2			
Subsequent Coats	EPICON UNDERCOAT , etc..			
Packaging Size	Two pack product 20 kg/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"> <li>1. Stir two component mixtures with portable mixer sufficiently.</li> <li>2. Air must not be involved into component mixture during stir.</li> <li>3. Pay attention to short pot life.</li> <li>4. *Hopper , comp. Ratio 45 : 1 over , Air supply hose : 3 / 8 inch direct link to spray gun GRACO ZINC GUN , WAGNER G - 10 - 1 , Air combi gun.</li> <li>5. Density and VOC are calculated from the formula without thinning.</li> </ol>			

This data sheet contains the best and latest of our knowledge on the data 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 given except on the quality of those paint themselves.