

ECOMAX HB

ECOMAX HB is a tar free modified epoxy paint based on the combination of modified epoxy and polyamide resin, high build type, 200 mic./coat can be applied by airless spray.

It has excellent anti-corrosive property for long term, excellent adhesion, excellent application workability, excellent physical properties such as toughness, impact and abrasion resistance, and excellent chemical resistance to sea water, fresh water and alkaline or weak acids.

TECHNICAL DATA

Type	Epoxy modified paint, high-build					
Recommended Use	As protective coating for splash zone and submerged area of offshore structures, inside of pipes, dam gates, flood gates, inside of penstocks. Piles, etc.					
Information	Mixing Ratio	: Base : Hardener = 82 : 18 [by volume] Base : Hardener = 88 : 12 [by weight]				
	Color	: Light Grey, Grey, Black				
	Flash Point	: Base = 22, Hardener = 22.5 [deg C]				
	Density	: 1.38 [g/ml]				
	Volume Solid	: 62 + 2 [volume %]				
	Coverage (Theoretical)	: 0.161 - 0.323 [L/ m ²], 0.222 - 0.446 [kg/ m ²]				
	Film Thickness	: WET 161 - 323 [microns], DRY 100 - 200 [microns],				
	Drying Time	Set-to-touch	5 °C	10 °C	20 °C	30 °C
	Painting Interval	Min.	-	22 hrs.	16 hrs.	10 hrs.
	Pot Life	Max.	-	7 days	7days	7 days
Condition of Application	Method of Application	: Airless spray, Brush, Roller				
	Weather	: Temperature : Min. 10 °C Humidity : Max. 85 % RH				
	For Airless Spray	: Viscosity : 2.0 - 2.5 Pa s Tip No. : (GRACO) 623, 723 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	: In case of direct application to the steel surface, ISO-Sa2.5 is required. In case of overcoating to the shop primer surface, ISO-St3 is required.				
	Preceding Coats	: CERABOND 2000, etc.				
	Subsequent Coats	: EPICON UNDERCOAT HB, UNY MARINE HS, SILVAX SQ-K, BIOCLEAN ECO, etc.				
Packaging Size	Two pack product 25kg/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. 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.

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