

EPICON UNDERCOAT HB

EPICON UNDERCOAT HB, based on the combination of epoxy resin and polyamide curing agent, is high-build epoxy intermediate coat for epoxy/polyurethane coating system.

TECHNICAL DATA

Type	Epoxy / Polyamide intermediate coat, high-build					
Recommended Use	As intermediate coat of epoxy/polyurethane coating system for plants, bridges, towers, and other steel structures					
Information	Mixing Ratio	: Base : Hardener = 74 : 26 [by volume] : Base : Hardener = 4 : 1 [by weight]				
	Color	: White, Grey, Light Grey				
	Flash Point	: Base = 23.0, Hardener = 27.5 [deg C]				
	Density	: 1.17 [g/ml]				
	Volume Solid	: 53 + 2 [volume %]				
	Coverage (Theoretical)	: 0.057 - 0.189 [L/m ²], 0.067 - 0.221 [kg/m ²]				
	Film Thickness	: WET 57 - 189 [microns]				
		: DRY 30 - 100 [microns]				
	Drying Time	Set-to-touch : Hard dry :	5 °C	10 °C	20 °C	30 °C
			3.5 hrs.	2.5 hrs.	1.5 hrs.	1 hr.
	Painting Interval	Min. : Max. :	24 hrs.	18 hrs.	10 hrs.	8 hrs.
			30days	30days	30days	30days
	Pot Life	:	24 hrs.	12 hrs.	12 hrs.	8 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 Pa s				
		: Tip No. : (GRACO) 719, 721				
		: Paint Output Pressure : 14.7 - 17.7 [Mpa] : Spray Speed : 60 - 80 [cm/sec]				
	Thinner	: EPOXY THINNER A				
: Thinning : 0 - 7 % by volume						
Surface Preparation	: The surface to be painted must be clean, free from rust, dirt, oil grease or other foreign matters using power wash, detergent or solvent wipe.					
Preceding Coats	: EPICON PRMER CL, UNIVAN NT, etc.					
Subsequent Coats	: EPICON FINISH HB, UNY MARINE HS, 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	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. As nature of epoxy coating, EPICON UNDERCOAT HB cannot avoid chalking and fading on UV expose. 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.