

EPICON ZINC HB-2 i

EPICON ZINC HB-2 i, a high-build anti-corrosive paint, based on the combination of metallic zinc, epoxy resin and hardener, is quick drying and gives excellent protection of steel against salt water and water. This paint is compatible with almost of any type of coat and is highly resistant to heat, oil, water and solvent.

TECHNICAL DATA

Type	Epoxy zinc paint, high-build					
Recommended Use	As primer for protection of blast-cleaned steel plates used for plant, bridge, tank and other steel structures.					
Information	Mixing Ratio	: Base : Hardener = 79 : 21 [by volume] : Base : Hardener = 9 : 1 [by weight]				
	Color	: Grey				
	Flash Point	: Base = 19.5, Hardener = 22.5 [deg C]				
	Density	: 1.82 [g/ml]				
	Volume Solid	: 56 ± 2 [volume %]				
	Coverage (Theoretical)	: 0.071 - 0.134 [L/m ²], 0.129 - 0.244 [kg/m ²]				
	Film Thickness	: WET 71 - 134 [microns], : DRY 40 - 75 [microns],				
	Drying Time	Set-to-touch	5 °C	10 °C	20 °C	30 °C
			30 mins.	25 mins.	20 mins.	15 mins.
	Painting Interval	Hard dry	5 °C	10 °C	20 °C	30 °C
			6 hrs.	5 hrs.	4 hrs.	3 hrs.
	Pot Life	Min.	5 °C	10 °C	20 °C	30 °C
			24 hrs.	24 hrs.	16 hrs.	8 hrs.
Pot Life	Max.	5 °C	10 °C	20 °C	30 °C	
		180 days	180 days	180 days	180 days	
Condition of Application	Method of Application	: Airless spray, Brush, Roller				
	Weather	: Temperature : Min. 5 °C : Humidity : Max. 85 % RH				
	For Airless Spray	: Viscosity : (Ford Cup #4) 28 - 32 [sec] : Tip No. : (GRACO) 612 - 823 : Paint Output Pressure : 8.8 - 11.8 [Mpa] : Spray Speed : 80 - 120 [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	: -				
	Subsequent Coats	: Most of our products and equivalents. e.g. Epoxy paints, Polyurethane paints. : Alkyd paint is not recommended.				
	Packaging Size	Two pack product 10kg/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.