

EPICON F-HB

EPICON F-HB is a high-build type epoxy micaceous iron oxide paint based on a combination of epoxy resin and polyamide resin pigmented with micaceous iron oxide.

It has the following advantages;

1. Excellent compatibility with almost all type of subsequent coat
2. Excellent weathering resistance
3. Excellent physical properties such as toughness, impact and abrasion resistance
4. Excellent resistance to sea water and water, oil, and chemicals
5. Excellent adhesion for finish coat in the long interval

TECHNICAL DATA

Type	: Epoxy micaceous iron oxide paint, high-build					
Recommended Use	: As a intermediate or finish coat of epoxy system for steel structures such as plants, bridges, outside of oil storage tanks, etc.					
Mixing Ratio	: Base : Hardener = 9 : 1 (by weight)					
Colour	: Light grey					
Flash Point	: Base : 23 °C, Hardener : 27 °C					
Volume Solid	: 50 ±2%					
Coverage (Theoretical)	5.0	m ² /L	;	314	g/m ²	
Wet Film Thickness	8.0	mils.	;	200	µm	
Dry Film Thickness	4.0	mils.	;	100	µm	
Drying Time (at D.F.T. 100µm)		Temperature	5°C	10°C	20°C	30°C
		Surface Dry	3.5 hrs.	2.5 hrs.	1.5 hrs.	1 hrs.
		Hard Dry	38 hrs.	28 hrs.	16 hrs.	12 hrs.
Painting Interval (at D.F.T. 100µm)		Min.	38 hrs.	218 hrs.	10 hrs.	8 hrs.
		Max.	-	-	-	-
Pot Life			24 hrs.	18 hrs.	12 hrs.	8 hrs.
Thinner	: EPOXY THINNER A					
Method of Application	: Airless spray, Brush, Roller					
Condition for Application	Temperature	:	Min. 5 °C			
	Humidity	:	Max. 85% R.H			
	For Airless spray ;					
	Tip No.	:	Graco 415 - 419			
	Paint output pressure	:	14.7 – 17.7 MPa(g)			
	Viscosity	:	1.5 Pa·s			
	Thinning	:	0 - 5 % by volume			
Preferable Preceding Coats	: EPICON ZINC HB-2, GALBON S-HB, EPICON PRIMER CL, UNIVAN NT, UNIVAN HS, UNIVAN HS PRIMER, etc.					
Preferable Subsequent Coats	: EVAMARINE, RAVAX No.1000, UNY MARINE FINISH, EPICON UNDERCOAT/FINISH, etc...					
Packaging	: Two pack product					