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No. 5402C

EPICON FINISH HB

(EP F HB)

EPICON FINISH HB, based on a combination of epoxy resin and polyamide curing agent, has high-build excellent durability and adhesion properties.
It is suitable as a finish coat for protection of steel ships, bridges and steel structures.

TECHNICAL DATA

Type	Epoxy finish paint, high-build
RecommendedUse	As a finish coat of epoxy system for steel ships, bridges and other steel structures

Information

Mixing Ratio :	Base : Hardener = 74 : 26 [by volume]
Color :	As specified (except White)
Flash Point :	Base = 23.0, Hardener = 27.5 [°C]
Density :	1.17 [g/mL] (ISO:2811)
Volume solids (VS) :	53(+/-2) [volume %] (ISO:3233)
VOC :	452 [g/L] (Method24)
Coverage (Theoretical) :	0.057 - 0.189 [L/m^2]
Film Thickness :	WET 57 - 189 [microns] DRY 30 - 100 [microns]

(DFT 100microns)

		-5 °C	0 °C	5 °C	10 °C	20 °C	30 °C
Drying Time	Set-to-touch	5.5hrs.	4.5hrs.	3.5hrs.	2.5hrs.	1.5hrs.	1hr.
	Hard Dry	55hrs.	55hrs.	38hrs.	28hrs.	16hrs.	12hrs.
Painting Interval	Min	55hrs.	44hrs.	24hrs.	18hrs.	10hrs.	8hrs.
	Max *	-	-	-	-	-	-
Pot Life		24hrs.	24hrs.	24hrs.	12hrs.	12hrs.	8hrs.

Condition of Application

Method of Application :	Airless spray, Brush
Weather :	Temperature:Minimum -5 °C, Humidity:Maximum 85 %RH, Dew Point +Minimum 3 degC
For Airless Spray :	Viscosity : 1.5Pa·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
Recommendable Surface Preparation:	The surface to be painted must be clean , free from rust, dirt, oil grease or other foreign matter using power wash, detergent, or solvent wipe.
Preceding Coats :	BANNOH 500, BANNOH 200, etc.
Subsequent Coats :	-

Packaging

Two pack product

Notes

1.* Kindly consult with CMP sales office.
2.Ventilation shall be maintained from coating application until the completion of curing in order to remove residue of solvents and promote curing.
3.Agitate Base with a power agitator until it is turned homogeneous, and then combine entire contents of Hardener with Base and mix thoroughly with power agitator. Then add appropriate thinner and mix thoroughly.
4.Excessive solvent results in reduced sag resistance and paint film property.
5.Application at temperature down to -5°C is possible, but curing to hardness takes longer and complete cure will be reached when the temperature increases.
6.As nature of epoxy coatings EPICON FINISH HB can not avoid chalking and fading on UV exposure.
7.Density, VS and VOC are measured from product samples without thinning. Values may vary depending on color, manufacturing process, local regulations, etc.

This product should be used only by professional applicators. Consult the current Chugoku Marine Paints Safety Data Sheets.
Follow all local or national health, safety and environmental regulations. Observe all safety labels on packaging and containers.
Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only at ventilated areas.
Handle with care.
This data sheet contains the best and latest of our knowledge on the date of 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 be given except on the quality of those paints themselves.