

# BANNOH 200

BANNOH 200, based on a combination of modified epoxy resin and rust-preventive pigment, has excellent adhesion property, toughness and effective rust-preventive property. It is suitable for protection of superstructures and exposed deck of steel ships.

## TECHNICAL DATA

Type	Epoxy rust-preventive paint, high-build					
Recommended Use	Primer on inside and outside of superstructures, exposed deck of steel ships and other steel structures.					
Information	Mixing Ratio	: Base : Hardener = 76 : 24 [by volume] : Base : Hardener = 5 : 1 [by weight]				
	Color	: Grey, Light Grey, Red Brown, White, Black				
	Flash Point	: Base = 23.7, Hardener = 27.0 [°C]				
	Density	: 1.33 [g/ml] (ISO:2811)				
	Volume Solid	: 57 (+/-2) [volume %] (ISO:3233)				
	VOC	: 411 [g/L] (Method 24)				
	Coverage (Theoretical)	: 0.088 - 0.351 [L/m <sup>2</sup> ], 0.117 - 0.467 [kg/m <sup>2</sup> ]				
	Film Thickness	: WET 88 - 351 [microns], DRY 50 - 200 [microns],				
		(DFT 200 microns)	5 °C	10 °C	20 °C	30 °C
	Drying Time	Set-to-touch	3.5 hrs.	2.5 hrs.	1.5 hrs.	1 hr.
		Hard dry	30 hrs.	22 hrs.	12 hrs.	10 hrs.
	Painting Interval	Min.	24 hrs.	18 hrs.	10 hrs.	8 hrs.
		Max.	(*)	(*)	(*)	(*)
Pot life		18 hrs.	14 hrs.	7 hrs.	4 hrs.	
Condition of Application	Method of Application	: Airless spray, Brush, Roller				
	Weather	: Temperature : Min. 5 °C Humidity : Max. 85 % RH Dew Point : + Minimum 3 deg C				
	For Airless Spray	: Viscosity : 1 - 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	: New building : Dependent on yard procedures. Please consult your CMP representative. Repair/Maintenance : Remove oil and grease etc. Remove salt and the other contaminants by (high pressure) fresh water cleaning and completely dry. Clean damaged area by abrasive blasting to the standard Sa2 (ISO 8501-1:2007) minimum or power tooling to St3 (ISO 8501-1:2007). Water jetting : Consult your CMP representative for recommendations. Type and degree of surface preparation depends on type and condition of actual substrate and on desired performance. Use in accordance with standard worldwide marine specifications.				
	Preceding Coats	: CERABOND, EPICON ZINC RICH PRIMER B-2, etc.				
	Subsequent Coats	: EPICON FINISH HB, UNY MARINE, EVAMARINE, ACRI 700 FINISH, etc.				
	Packaging Size	Two pack product 20Kg/set, 5 kg/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. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only at ventilated areas. Handle with care.				

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**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 until it is turned homogeneous, and then combine entire contents of Hardener with Base and mix thoroughly. Then add appropriate thinner and mix thoroughly.
  4. Excessive solvent results in reduced sag resistance and paint film property.
  5. Density, VS and VOC are measured from product samples without thinning. Values may vary depending on color, manufacturing process, local regulations, etc.
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This product should be used only by professional applicators. Consult the current Chugoku Marine Paints Safety Data Sheets. This data sheet contains the best and latest of our knowledge on the date of issue on our laboratory test in Japan 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.