

BANNOH 5000

(BN 5000)

BANNOH 5000 is a multi-purpose solvent free epoxy which provides excellent physical and anti-corrosive properties. For ships it is ideally suited as a universal primer for most areas.
ProductID:M2-42240A

TECHNICAL DATA

Type	Solvent free epoxy coating					
Recommended Use	Anti-corrosive paint for ship's hull, exposed decks, superstructures, ballast water tanks, steel structures, immersed areas etc.					
Information	Mixing Ratio	:	Base : Hardener = 4 : 1 [by volume]			
	Color	:	Light grey, Cream			
	Flash Point	:	Base = 141, Hardener = 145 [°C]			
	Density	:	1.54 [g/mL]			
	Volume solids (VS)	:	100 [volume %]			
	VOC	:	0 [g/L] (theoretical)			
	Coverage (Theoretical)	:	0.32 [L/m ²]			
	Film Thickness	:	WET 320 [microns] DRY 320 [microns]			
(DFT 320microns)			10 °C	15 °C	20 °C	30 °C
Drying Time	Set-to-touch		-	24hrs.	9hrs.	7hrs.
	Hard Dry		-	36hrs.	16hrs.	12hrs.
Painting Interval	Min		-	36hrs.	16hrs.	12hrs.
	Max *		-	21days	14days	7days
Pot Life			-	70mins.	60mins.	50mins.
	Dry to Launch	Min	-	9days	6days	4days
Condition of Application	Method of Application	:	Airless spray, Brush, Roller			
	Weather	:	Temperature:Minimum 15 °C, Humidity:Maximum 85 %RH, Dew Point +Minimum 3 degC			
	For Airless Spray	:	Viscosity : 2.5 - 3.0 Pa·s Tip No. : (GRACO)419 - 731 Paint Output Pressure: 23.5 - 33.4 [MPa] Spray Speed : 60 - 80 [cm/sec]			
	Thinner	:	EPOXY THINNER A (for cleaner)			
	Preceding Coats	:	CERABOND 2000, EPICON ZINC RICH PRIMER B-2, etc			
	Subsequent Coats	:	BANNOH 1500 SZ, UNYMARINE, EPICON FINISH HB, etc.			

BANNOH 5000 (Jan.2020rev)

<i>Packaging</i>	Two pack product
<i>Notes</i>	<ol style="list-style-type: none">1.We recommend storage should be on a cool environment, preferable within 15°C to 25°C avoiding direct sunlight. Storage outside this range could shorten a shelf life.2.For application in lower temperature conditions , it is recommended to facilitate the application by means of safely heating the paint and air. A viscosity adjustment may be made by heating each component and mixture.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.4.This product can be applied by normal airless pump, and for low temperature application, a line heater can be used together with normal airless spray.5.Density, VOC and VS are calculated from the formula 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.