

BANNOH 1500

(B1500)

BANNOH 1500 is a multi-purpose high solid epoxy primer, which provides excellent physical properties including toughness, abrasion resistance and adhesion, etc.

It has an excellent flexibility and resistance to sea water and cathodic protection.

This product is IMO PSPC type approved for WBT and COT, applicable to most area of ship.

TECHNICAL DATA

| | | | | | | |
|---------------------------------|--|---|--------|--------|-------|---------|
| Type | Epoxy paint | | | | | |
| Recommended Use | Anti-corrosive paint for ship's hull, exposed decks, superstructures and ballast water tanks, crude oil tank, etc. | | | | | |
| Information | Mixing Ratio | : Base : Hardener = 79 : 21 [by volume] | | | | |
| | Color | : Grey, Light Grey, Red Brown, Cream, White, Black | | | | |
| | Flash Point | : Base = 28.0, Hardener = 27.4 [°C] | | | | |
| | Density | : 1.40 [g/mL] (ISO:2811) | | | | |
| | Volume solids (VS) | : 73 (+/-2) [volume %] (ISO:3233) | | | | |
| | VOC | : 286 [g/L] (Method24) | | | | |
| | Coverage (Theoretical) | : 0.103 - 0.342 [L/m ²] | | | | |
| | Film Thickness | : WET 103 - 342 [microns] DRY 75 - 250 [microns] | | | | |
| (DFT 160microns) | | | | | | |
| | | 0 °C | 5 °C | 10 °C | 20 °C | 30 °C |
| Drying Time | Set-to-touch | 20hrs. | 15hrs. | 11hrs. | 4hrs. | 2.5hrs. |
| | Hard Dry | 48hrs. | 30hrs. | 19hrs. | 9hrs. | 5hrs. |
| Painting Interval | Min | 48hrs. | 30hrs. | 19hrs. | 9hrs. | 5hrs. |
| | Max | * | * | * | * | * |
| Pot Life | | 7hrs. | 6hrs. | 5hrs. | 3hrs. | 1.5hrs. |
| Condition of Application | Method of Application | : Airless spray, Brush, Roller | | | | |
| | Weather | : Temperature: Minimum 0 °C, Humidity: Maximum 85 %RH, Dew Point +Minimum 3 degC | | | | |
| | For Airless Spray | : Viscosity : 1.5 - 2.0Pa·s Tip No. : (GRACO) 519 - 723 Paint Output Pressure: 15 - 25 [MPa] Spray Speed : 60 - 80 [cm/sec] | | | | |
| | Thinner | : EPOXY THINNER A, Thinning: 0 - 15 % by Volume | | | | |
| | Recommendable Surface Preparation: | : New building : Comply with the yard standards or the IMO PSPC regulation. 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). For the areas subject to compliance with the IMO PSPC regulations, please follow the requirements. 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 2000, EPICON ZINC RICH PRIMER B-2, etc. | | | | |
| Subsequent Coats | : BANNOH 500 N, BANNOH 1500 N, UNYMARINE, EPICON FINISH HB, etc. | | | | | |

BANNOH 1500 (Dec.2018rev)

| <i>Packaging</i> | Two pack product | | | | | | | | | | | | |
|------------------|--|-----------|------|------|------|------------------|----|----|---|------------------|----|----|---|
| <i>Notes</i> | <p>1.* Kindly consult with CMP sales office.</p> <p>2.Ventilation shall be maintained from coating application until the completion of curing in order to remove residue of solvents and promote curing.</p> <p>3.Agitate Base with a power agitator until it is turned homogeneous, and then combine entire contents of Hardener with Base and mix thoroughly by with power agitator. Then add appropriate thinner and mix thoroughly.</p> <p>4.Excessive thinning results in reduced sag resistance and paint film property.</p> <p>5.Drying time before the first cargo hold loading</p> <table><thead><tr><th>DFT/Temp.</th><th>10°C</th><th>20°C</th><th>30°C</th></tr></thead><tbody><tr><td>200microns(Days)</td><td>18</td><td>10</td><td>6</td></tr><tr><td>350microns(Days)</td><td>27</td><td>15</td><td>9</td></tr></tbody></table> <p>6.In common with all epoxy coatings, BANNOH 1500 will show chalking and fading on exposure to UV light.</p> <p>7.Density, VS and VOC are measured from product samples without thinning. Values may vary depending on color, manufacturing process, local regulations, etc.</p> | DFT/Temp. | 10°C | 20°C | 30°C | 200microns(Days) | 18 | 10 | 6 | 350microns(Days) | 27 | 15 | 9 |
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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.