

Ballast Tank Coating Specification Notes

Surface Preparation (All Tanks)

- 3.1.1.** Damaged coating, bare, and rusted areas shall be prepared to bare metal SSPC-SP-11, Power Tool Clean standard. Feather back to all “intact” existing coating. Debris resulting from all surface preparation shall be removed from the tanks and discarded.

Coating System (All Tanks)

- 3.1.2.** Bare areas shall be coated with two (2) coats with contrasting colors of Amercoat 240 Epoxy to bare areas with sufficient feathering. Apply @ 6 to 8 mils Dry Film Thickness per coat. Total DFT shall be 12 to 16 mils. The contractor shall perform the work in accordance with product application instructions with particular attention to the environmental conditions.
- 3.1.3.** The contractor shall quote on a total of 20 M² for all ballast and void tanks, for surface preparation and coating and the unit cost of each M² for surface preparation and coating as described above. The total shall be adjusted up or down by 1379 action.
- 3.1.4.** Contractor shall supply all ventilation to ensure the complete drying of the first and second coats, and to protect against condensation and humidity.

Hull Coating Specification Notes

Surface Preparation

- 3.1.5.** All identified areas of steel repair are to be Abrasive Blasted to SSPC-SP-10 Near-White Metal. All edges of intact epoxy coating shall be feathered back 300 mm to accept new coating.

Primer – Touchup

- 3.1.6.** Apply one touch up coat of Amercoat 238 Abrasion Resistant Epoxy to the repair blasted areas only, contractor to bid on 50 M3 repair area. Apply @ 10 mils DFT. Color Black

Intermediate Coat

- 3.1.7.** Apply one full coat of Amercoat 238 Abrasion Resistant Epoxy. Apply @ 10 mils DFT to affected hull areas with 150 mm overlap. Color Red Oxide.

Topcoat

- 3.1.8.** Apply one full coat of Amercoat 339 Low Friction Hull Coating to affected hull area with 150 mm overlap. Apply @ 8 mils DFT. Color Black.
- 3.1.9.** Sea-bay grids shall be protected during application of the coating and orifices shall be proven original diameter before undocking. The transducers shall be protected as well. The Contractor shall remove from the ship all traces of grit and air blown debris resulting from the grit blasting operation. Areas to be cleaned on a daily basis include passageways from gangways to entranceways into ship to prevent tracking of the blast debris into the ship.
- 3.1.10.** The Contractor shall be responsible for ensuring that personnel engaged in preparing and applying the paint are experienced and thoroughly familiar with the necessary procedures involved.

- 3.1.11.** All staging, cramage, screens, heaters and environmental control equipment, lighting and any other support services, equipment and materials necessary to perform the tasks set out in this specification shall be supplied by the Contractor.
- 3.1.12.** Suitable storage facilities for the materials and equipment shall be provided close to the work site. These facilities shall be maintained at a temperature recommended by the paint manufacturer and necessary to ensure ease of preparation and application of paint.
- 3.1.13.** Contractor to ensure a backup set of spray equipment is available, to ensure continuous application of paint. No painting is to commence if there is no backup set of spray equipment.