

EcoSeal, LLC

ES 700MT Flexible Marine Coating Millennium Star Exterior Decking North Sea Heated Deck



CUSTOMER

Bay Ship and Yacht and Emerald Paint and Coatings
For Harley Marine Services, Inc.

PROJECT TEAM

Emerald Paint and Coatings with Bay ship and Yacht teamed up and used Eco Seals ES 700 Mt Flexible version Marine Coating

PROJECT OVERVIEW

The ship was scheduled to leave port for the coast of Alaska on December 6th, and time was short to finish the deck installation. Heated coils were lined on the top decks to help prevent icing in the frigid cold of the North Seas. The cable had to be protected by a product that would be easy to apply, flexible, but would not crack in the sever cold temperatures of winter. ES 700MT was chosen to provide this harsh service, and be installed in a short period of time. Eco Seal provided the custom formula to get it done.

CONSIDERATIONS

The main considerations were time, temperature, flexibility, and durability. A lot to ask for any product, but ES 700 MT did the job, and is still in service today. The formula had to be applied by trowel method at $\frac{3}{4}$ " thick, and cure evenly in a single coat application. The coating had to be abrasion resistant, yet stay flexible in the frigid temperatures. Harley Marine expectations were met with great enthusiasm, and they are still pleased after 1.5 years of service.

SYSTEM PRODUCTS

A corrosion resistant primer was put down, and heated cables installed on the deck in an "S" pattern. ES 700 MT was applied at a nominal thickness of $\frac{3}{4}$ ". Then a topcoat of urethane was chosen and applied by the shipyard. The system worked well together, and has been in service now for almost two years.