



Severe corrosion of pile prior to cleaning.



Wrapping the prepared pile with Denso Marine Piling Tape.



Pile protected from with Denso's SeaShield Series 2000HD.

Project Data

Location	Tampa, FL
Completion	2011
Project Type	Dock Pile Rehabilitation
Products Used	SeaShield Series 2000HD System
Contractor or Applied By	Misener Marine

Project Details

The Tampa Port Authority completed an inspection on one of their docks and found a premature coating failure on the steel piles within the first year. They selected the SeaShield Series 2000HD due to its excellent history of providing corrosion protection for in-situ piles.

The severe blistering and peeling was along the full length of the piles and consisted of 89 each 24" diameter x 35 feet. Misener Marine was selected as the dive contractor to install the Series 2000HD System. To clean the piles and install the system they utilized two dive stations from a flat bottom dive boat. The piles were cleaned to a SSPC SP 2-3. Next the Denso S105 was applied over the entire surface to be coated. Then, the Denso Marine Piling Tape was applied with a 55% overlap. Misener Marine used 2 divers for the underwater portion which took less than one hour, per pile, to wrap each 35' pile. The last step of the installation was to apply the heavy-duty HDPE outer covers, which were secured with 316 stainless steel bolts and nuts.

The SeaShield 2000HD System will add many more years to the life of the dock structure. Tampa Port Authority and Misener Marine were extremely satisfied as the project was completed on budget and ahead of schedule.

Benefits

- Minimal Surface Preparation
- Long Maintenance-Free Service Life
- Fast & Easy Installation
- Can Be Applied Underwater
- High Impact Resistance
- One Piece Jacket
- UV Resistance
- Environmentally Friendly