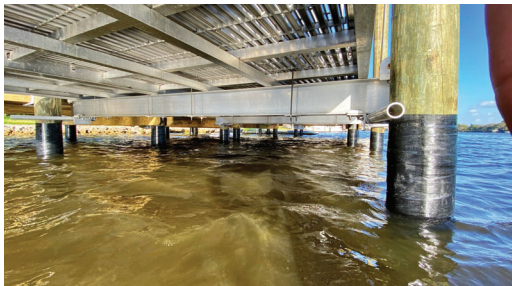




CASE STUDY

FLORIDA AREA MARINA

Boat Dock Timber Pile Rehabilitation



Long-term protection that adds years of service life to piles.



Prevents infestation of marine borers.



Simple design allows for easy installation.

Project Data

Location	United States
Completion	2021
Project Type	Boat Dock Timber Pile Rehabilitation
Products Used	SeaShield Series 70 System
Contractor or Applied By	GBI Diving

Project Details

In March 2021, Denso was contacted by Brian Greene of GBI Diving for his customer, who was searching for a solution to prevent further degradation of the timber piles on their boat dock. The piles were still in relatively good condition; however, the homeowner wanted to proactively prevent further wear and tear from the salt water & marine borer damage.

Denso recommended the SeaShield Series 70 Pile Protection System. The system is based around the Denso Marine Piling Tape, a petrolatum wax tape that truly seals off these timber piles from the destructive environment. The Denso Marine Piling Tape is protected by a layer of the Denso Glass Outerwrap UV, which provides a tough, durable, cast-like outer layer of mechanical and long-term UV protection.

The system is extremely simple to apply and does not require any custom-made sizes. First, the Denso Marine Piling Tape is spirally wrapped around the pile using a 55% overlap, followed immediately by a layer of the Denso Glass Outerwrap UV that is also spirally wrapped using a 55% overlap. In addition, it helps to tightly wrap a layer of the Denso Poly-wrap over the Glass Outerwrap UV temporarily to help compress down the layers. The Poly-wrap is removed once the Glass Outerwrap UV has cured after approximately 1-2 hours.

Brian Greene and his team at GBI Diving did an excellent job with the application, and his customer was extremely happy with it, knowing their timber piles would be protected for many years to come.

Benefits

- Prevents infestation of marine borers
- Provides abrasion and puncture resistance in aggressive coastal environments

Date Published: 02/28/2024

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