



# MARINE INDUSTRY

## Statue of Liberty Dock Rehabilitation Project

“Composite piles filled with concrete are a viable alternative to traditional piles due to the increase in longevity and life.”

~Raymond Sciahetano  
VP of Marine Division  
EIC Associates, Inc.

Three years ago, Creative Pultrusions created SUPER-PILE®, a high-performance line of corrosion-resistant round FRP pipe pile for the fender pile marketplace. “There was a need for these piles in the marine industry and in the various Department of Transportation (DOT) units that would only receive 10 to 20 years out of their current piles due to corrosion, extreme weather, temperature and the salt content of water.”

~Dustin Troutman,  
Dir. of Mktg. & Product Dev.  
Creative Pultrusions, Inc.

### Reopening of Visitors Center



### Project Description

Hurricane Sandy devastated the east coast, in October of 2012. Liberty Island was one of the locations directly hit, causing extreme damage to the Statue of Liberty visitor and service docks. During the first phase of the recovery project, more than 200 timber piles needed to be replaced for the service dock, in time for the July 4th reopening of the island and statue. The Federal Highway Administration (FHWA) chose SUPERPILE to serve as bearing piles for the renovated service dock. Creative Pultrusions, Inc. quickly produced the piles needed. Each pile was 48' long, 12" wide and filled with concrete.

### Location

Liberty Island, NY

### Length

306 piles 40' to 48'

### Profiles Utilized

SUPERPILE® TU450  
(12" x 1/2" with steel driving tip)

### Installation Method

ICE Model I-8 Diesel Hammer

### Owner

United States of America

### Contractor

EIC Associates, Inc.

### Sales Channel

Lee Composites, Inc.

### Installation Dates

Phase 1 - May, 2013  
Phase 2 - September, 2013

### Installation



### HIGH STRENGTH LIGHTWEIGHT

Stronger than steel. 70% lighter than steel.

### CORROSION RESISTANT

Increased service life and low maintenance.