



MARINE INDUSTRY

San Francisco West Harbor Renovation Project December 2011 (Phase 1)

Finished Installation



Project Description

Creative supplied 12" diameter SUPERPILE® fender piles to Dutra Construction who drove the piles at San Francisco Marina. The Marina is undergoing extensive renovation and repair in preparation for the America's Cup sail boat race which will be hosted by the city of San Francisco.

A total of 190 SUPERPILES will be installed at the completion of the project. The fiberglass reinforced piles were chosen for their longevity, energy absorption and aesthetic attributes.

HIGH STRENGTH

Superior impact and abrasion resistance.

LIGHTWEIGHT

Reduced installation expense.

CORROSION RESISTANT

Increased service life.

Location

San Francisco, CA

Length

47 feet (includes 15 foot thin wall HDPE sleeve)

Profiles Utilized

SUPERPILE® TU455

Installation Method

Drop Hammer (3,000 lb.)

Engineer

Ben C. Gerwick, Inc.

Contractor

Dutra Construction

Sales Channel

Lee Composites, Inc.

Installation of Piles



Creative Pultrusions manufactured 190 SUPERPILES that were supplied by Lee Composites to Dutra Construction. The SUPERPILES replaced deteriorating creosote treated wood guide piles for the San Francisco Marina West Harbor Renovation Project. These piles are used as a fender by boats navigating in and out of their slips. The SUPERPILES are both aesthetically pleasing and have superior functionality to the treated wood piles. In addition, they are more environmentally friendly than their wood counterparts. They were installed very easily with a drop hammer and met all of our expectations. We expect these piles to stand the test of time by offering many years of maintenance free service. We expect to see a lot more of the SUPERPILES on future projects.

~Mike Edde
Dutra Construction