

PROJECT > Galveston Island Historic Pleasure Pier

Shotcrete MS - Fiber Reinforced
Galveston, TX



PROJECT DESCRIPTION:

Original built in 1943, the Galveston Island Historic Pleasure Pier reopened in the summer of 2012 following the devastation of Hurricane Ike in 2008. Rebuilding the pier, which is the longest on Galveston Island, required significant structural repairs to safely support a new amusement park. Epoxy Design Systems applied more than 1,400 bulk bags of QUIKRETE® Shotcrete MS – Fiber Reinforced to restore the structural integrity of the pier. The nozzlemen, who wore life jackets and worked from scaffolding just a few feet above the surf,

pneumatically applied the dry process shotcrete to make extensive structural repairs to pilings, beams and other structural elements during the year-long project. Epoxy Design Systems utilized an auger-driven silo system to dispense the material into the shotcrete pump. As a result, thousands of visitors can enjoy the Galveston Island Historic Pleasure Pier and its beautiful ocean front view each year.

QUIKRETE® Shotcrete MS – Fiber Reinforced is a single component, Micro Silica enhanced repair material that achieves more than 9,000 PSI at 28 days, and features very low rebound and permeability characteristics.

GENERAL CONTRACTOR: Ardent Construction

SUB-CONTRACTOR: Epoxy Design Systems

PROJECT START DATE:

June 2011

QUIKRETE® PRODUCTS USED:

- 3,000 lb Shotcrete MS - Fiber Reinforced:
1,400 bulk bags

PROJECT COMPLETION DATE:

July 2012



QUIKRETE® Shotcrete MS - Fiber Reinforced
Product No. 1228-51

