

PROJECT > El Bethel Missionary Baptist Church

Shotcrete MS
Houston, TX



PROJECT DESCRIPTION:

After more than a century serving the post-Civil War community of Houston's Fourth Ward, El Bethel Missionary Baptist Church was replaced by a new sanctuary in 1997. Unfortunately, the vacant church was the victim of arson and burned down in 2007. Several years later, the City of Houston purchased the remains with plans to convert the area into a park memorializing the church, which is on the National Register of Historic Places and is one of the oldest sanctuaries in Houston. A significant portion of this adaptive reuse project required the use of QUIKRETE® Shotcrete MS to restore as much of the standing church structure as possible in a manner that reflected

the original architecture. Epoxy Design Systems removed all the unsalvageable elements of the three remaining walls, made the necessary structural concrete repairs and reinforced the surface with wire mesh before spray applying more than 7,000 square-feet of QUIKRETE® Shotcrete MS. In addition to renovating and stabilizing the church, Epoxy Design Systems successfully incorporated relief designs in the walls and returns around columns, doors and stained-glass windows that recaptured the look and spirit of El Bethel Missionary Baptist Church when it was original built in 1889. Today, visitors can sit on brick pews in the open-air church pavilion and enjoy views of the adjacent park.

QUIKRETE® Shotcrete MS 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: JE Dunn Construction Co

SHOTCRETE CONTRACTOR: Epoxy Design Systems, Inc.

QUIKRETE® PRODUCTS:

- 3,000 lb Shotcrete MS: 110 bulk bags

PROJECT START DATE:

November 2012

PROJECT COMPLETION DATE:

March 2013



QUIKRETE® Shotcrete MS >>

