

PROJECT > Buchanan Dam Rehabilitation

QUIKRETE® Shotcrete MS
Lake Buchanan, TX



PROJECT DESCRIPTION:

A multiple arch dam on the Colorado River of Texas opened in 1937, Buchanan Dam forms Lake Buchanan and is used for generating hydroelectric power and for flood control in the area. After removing all deteriorated and damaged concrete and rebar, Restek spray applied QUIKRETE® Shotcrete MS from 3" to 6" thick to make structural repairs. Restek was able to effectively and efficiently spray apply the Micro Silica enhanced shotcrete from long distance, which was up to 16 stories high in some areas, due to the materials low-rebound characteristics.

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.

CONTRACTOR: Restek

QUIKRETE® PRODUCTS:

- 3,000 lb Shotcrete MS:
360 bulk bags

PROJECT START DATE:

January 2013

PROJECT COMPLETION DATE:

October 2014

QUIKRETE® Shotcrete MS >>

