



ASU SUN DEVIL FOOTBALL STADIUM

Project Type:

School or University

Application:

Horizontal and vertical patching

Location:

Tempe, AZ

Project Dates:

May 5, 2016 – Sept 28, 2018

Project Owner:

University of Southern Arizona

Contractor:

Hunt Construction Group, Stunt Corp.

Products:

Rapid Set® Cement All®, Mortar Mix, Mortar Mix Plus, WunderFixx®

The University of Southern Arizona Sun Devil Stadium project included vertical and horizontal reconstruction and patching. All cement and concrete products used in this project had to meet State of Arizona specifications and requirements.

Old bleachers were removed and the voids left by the grooves and holes where the bolts were, needed to be filled in. The contractor used Mortar Mix and Mortar Mix Plus to fill those large voids. Mortar Mix Plus was also used to pour new steps.

After installing steel columns on the upper deck of the stadium, Cement All was used for dry packing underneath the steel support systems of the columns and for skim coating certain areas. WunderFixx was used for smoothing out the repaired surfaces.

Since work was done predominantly in the summer months, extreme hot weather was a challenge with temperatures ranging from 108° to 120°F. The crew used hot-weather concrete techniques, which included starting early each morning and using plenty of ice water to chill the wet mix temperature. All patched areas were water cured and finished with a steel trowel.