FORTA®
FORTA-FERRO®

PROJECT PROFILE | SLAB-ON-DECK/GRADE

AKRON UNIVERSITY FOOTBALL STADIUM - AKRON, OH

PROJECT DESCRIPTION

Project engineers specified two levels of fiber-reinforcement **concrete crack control** for this 25,000-seat football stadium facility. For plastic-crack control, specifications called for 1.5 lbs. / cu. yd. of ECONO-NET® - which was used in over 3,000 cubic yards of concrete slabs-on-metal-deck for the 15 corporate boxes and the press box. For post-crack control, specifiers called for 4.5 lbs. / cu. yd. of FORTA-FERRO® - which was used in over 4,000 cubic yards of concrete bleachers in the stadium. In all, over 23,000 pounds of synthetic fibers were used on this $54 million stadium project. **The project served as the initial project in the United States that used a special 'high-fiber round-bar' pump grate developed by FORTA Corporation** to allow for easy flow-through of the high-volume macro-fibers in a considerable volume of pumped concrete for the bleacher segments of the stadium.

KEY POINTS

- Superior Strength
- Mixed and Pumped Easily
- Reduced Cracking

DETAILS

Date: September 2008
Location: Akron, OH
Dosage: 4.5 & 1.5 lbs. / cu. yd.
Fiber: FORTA-FERRO® 1-½" ECONO-NET®
Owner Type: Individual
Application: Slab-on-Deck/Grade

Contact us for more details