



AUBURN UNIVERSITY FISHERIES CENTER - AUBURN, AL

PROJECT DESCRIPTION

Auburn University Professor Dr. Michael Hein organized a pervious parking lot project at the recently opened E.W. Shell Fisheries Center on campus. Placed on a 12" base of compacted #89 limestone over a geotech filter fabric, this 6" thick pavement was reinforced with a macro fiber blend of the FORTA-FERRO[®] heavy-duty filaments with the GREEN-NET[®] recycled polypropylene fiber, appropriately called FERRO-GREEN[®]. Due to the medium-duty expected traffic loads, 5 lbs. / cu. yd. of the 1-½" long fiber were used to add **early stability to the void structure** and ultimately **add hardened toughness**. This 540 lb. cement mix also contained an internal curing admixture and a hydration stabilizer to aid placement and compaction. Student labor from the College of Architecture and Building Science placed this 24 cu. yd. total pavement area project using a roller-screed/striker.

KEY POINTS

- Increased Toughness
- Increased Stability
- Easily Mixed and Placed

DETAILS

Date: November 2011

Location: Auburn, AL

Dosage: 5.0 lbs. / cu. yd.

Fiber: FERRO-GREEN[®] 1-½"

Application: Pervious

Contact us for more details