



KENDED A BUILDING - ATLANTA, GA

PROJECT DESCRIPTION

The Georgia Institute of Technology received a \$30 million commitment from the Kendeda Fund to build what is expected to be the most environmentally advanced education and research building constructed in the southeast. The 50 cu yd pour, across part of the building's first floor, was the first of five in which a thin layer of a special, FORTA-FERRO reinforced concrete was spread over tubing for the building's radiant floors. In addition to the use of 7.5 lb/cu yd of FORTA-FERRO synthetic fiber, the concrete mix was also injected with CarbonCure, an additive that increases carbon content to strengthen concrete. By using fibers, the engineers **reduce shrinkage, improve strength and conduction ability, and provide temperature control to prevent cracking in the concrete.** The use of FORTA-FERRO also **allowed the engineers to design the floor with a thinner layer of concrete.** Thomas Concrete was presented The Swarm Changemaker Award for the use of FORTA-FERRO in the Kendeda Living Building.

KEY POINTS

- Increase Durability
- Reduce Cracking
- Save Time

DETAILS

Date: 2019

Location: Atlanta, GA

Dosage: 7.5 lb/cu yd

Fiber: FORTA-FERRO 2-1/4"



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