FORTA
FORTA-FERRO®

PROJECT PROFILE

MULTIPLE APPLICATIONS

AHN WEXFORD HOSPITAL - WEXFORD, PA

PROJECT DESCRIPTION

The $280 million Allegheny Health Network (AHN) Hospital being built in Wexford, PA will provide the best-in-class emergency, inpatient, and surgical care. In this new four-story-high hospital, FORTA-FERRO macro synthetic fibers were chosen to replace specified steel in the slab-on-metal-decks as well as the floor slab. The total project size was 7,000 cu yd and used a fiber dosage of 4.0 lb/cu yd. FORTA-FERRO fibers were used on this project instead of steel because the **steel reinforcements would have been very costly not only in labor but also with the handling** of the wire mesh. **Using fibers also allowed the contractor to pour and finish the concrete quicker** than if they would have had to lay reinforcements. This was the first major project that the ready mix producer had used with FORTA-FERRO fibers. They were, **"pleased with the mixing and finishing of the fiber reinforced concrete and how easily it pumped."**

KEY POINTS

- Superior Mixing & Finishing
- Saved Time
- Reduced Costs

DETAILS

Date: September 2019
Location: Wexford, PA
Dosage: 4.0 lb/cu yd
Fiber: FORTA-FERRO® 2-¼""

Contact us for more details