



ST. LUKE'S HOSPITAL - BETHLEHEM, PA

PROJECT DESCRIPTION

FORTA-FERRO macro synthetic fiber was used in St. Luke's Hospital new construction in Bethlehem, PA. St. Luke's Hospital chose to replace specified steel with our FORTA-FERRO fiber in many different applications including a topping slab, a slab-on-ground, and four levels of slab-on-metal-deck. The total project size is 1,246 cu yd and used a 3.0 lb/cu yd and 4.0 lb/cu yd dosage. The main benefit the fiber provided for this project was **ease of use by being able to forgo lifting wire mesh** into place on the second, third, and fourth floors. It also **saved time and money due to the fact that it saved the concrete contractor roughly 5 days in their schedule** because they did not have to place steel reinforcements prior to pouring slabs. St. Luke's Hospital is a great example of the many different ways and applications fibers can be incorporated into a project.

KEY POINTS

- Ease of Use
- Improved Safety
- Cost Savings

DETAILS

Date: 2018

Location: Bethlehem, PA

Dosage: 3.0 & 4.0 lb/cu yd

Fiber: FORTA-FERRO® 2-1/4"

Contact us for more details