



ROYAL OAK MEDICAL CENTER - ROYAL OAK, MI

PROJECT DESCRIPTION

Another high-profile job in the central restaurant and shopping district of Royal Oak, MI used FORTA-FERRO macro synthetic fibers to reinforce the structure. A new medical office building replaced 8" gauge wire mesh with a fiber dosage of 4.0 lb/cu yd in the decks and a dosage of 3.0 lb/cu yd in the slab on grade. The **safety conditions were improved** by using fibers since workers did not have to work around tripping hazards created by wire mesh. Additionally, fibers **sped up construction** since they didn't have to store or place steel reinforcements. Contractors could also **pump the concrete, already reinforced with fibers,** up to the different deck levels.

KEY POINTS

- Improved Safety Conditions
- Speed of Construction
- Replaced Steel Reinforcements

DETAILS

Date: September 2019

Location: Royal Oak, MI

Dosage: 3.0 & 4.0 lb/cu yd

Fiber: FORTA-FERRO® 2-1/4"

Contact us for more details