



GROVE CITY MIDDLE SCHOOL - GROVE CITY, PA

PROJECT DESCRIPTION

As the cost of steel reinforcement and labor continue to rise, three-dimensional fiber reinforcement is becoming a more frequent and **popular method to control cracking in slab-on-grade construction projects**. Due to their prior successful use of macro synthetic fibers, the contractor proposed the FORTA-FERRO[®] to project engineers as an alternative to the traditional one-plane steel reinforcement for the multi-purpose floor slabs at the new Grove City Middle School. For this 4 in. floor application, the 2- $\frac{1}{4}$ " long FORTA-FERRO[®] was approved and used at a dosage of 3.5 lbs./cu. yd. in over 900 cubic yards of concrete. This **time-saving fiber reinforcement method helped the contractor maintain the compressed project schedule to allow the facility to open in time for the school semester.**



KEY POINTS

- Crack Control
- Time Savings
- Cost Effective

DETAILS

Date: August 2011

Location: Grove City, PA

Dosage: 3.5 lbs. / cu. yd.

Fiber: FORTA-FERRO[®] 2- $\frac{1}{4}$ "

Owner Type: Individual

Application: Slab-on-Grade

Contact us for more details