



ALLIED PLASTICS - TWIN LAKES, WI

PROJECT DESCRIPTION

Allied Plastics, Inc. is a full service custom thermoforming service provider specializing in vacuum forming, twin sheeting and pressure forming medium to heavy gauge parts. The design engineer for this company's most recent addition chose to use hairpin slab design, which is always a challenge when considering the use of fibers. Traditionally, continuous reinforcement is used over the hairpins and extends throughout the slab. However, because the professionals at Swederski Concrete appreciate the value and benefits that fiber reinforcement adds to concrete, they decided to challenge the tradition. They satisfied the hairpin design calculations by using perimeter wwf (approximately 15'). The remainder of the slab was then completed using 4 lbs/yd³ of FORTA-FERRO[®]. The 53,000 sq. ft. concrete floor was placed at a thickness of 6". Once again, FORTA-FERRO[®] provided the **benefits of properly placed, three dimensional reinforcement and efficiency in placement.**

KEY POINTS

- Increased Reinforcement
- Increased Efficiency
- Easily Placed and Mixed

DETAILS

Date: October 2014

Location: Twin Lakes, WI

Dosage: 4.0 lbs. / cu. yd.

Fiber: FORTA-FERRO[®] 2-1/4"

Application: Slab-on-Ground

**Swederski Concrete
Construction Inc.**

Spring Grove, IL
www.swederski.com



Contact us for more details