



## LUXOTICA - MCDONOUGH, GA

### PROJECT DESCRIPTION

Relatively high loading has become the norm for many multi-story mezzanine projects, such as the pallet-rider and fork-lift traffic used in the Luxotica manufacturing facility in McDonough, GA. Project structural engineers at PES Engineers and their consultants opted to augment the conventional moment steel reinforcement with a relatively high dosage of the FORTA-FERRO<sup>®</sup> macro synthetic fiber reinforcement to **reduce crack frequency and width** on the 2nd and 3rd floor mezzanines. The additional fiber cost is easily justified by the **reduction of costly repairs required for the typical cracking and curling in industrial mezzanines.**

### KEY POINTS

- Less Cracking
- Tighter Cracks
- Increased Toughness

### DETAILS

**Date:** Summer 2016

**Location:** McDonough, GA

**Dosage:** 7.5 lbs. / cu. yd.

**Fiber:** FORTA-FERRO<sup>®</sup> 2-1/4"

**Owner Type:** Individual

**Application:** Slab-on-Metal-Deck

Contact us for more details