



FIAT/CHRYSLER MANUFACTURING - GOIANA, PE BRAZIL

PROJECT DESCRIPTION

Fiat, an automobile market leader in Brazil for over ten years, will celebrate the inauguration of its newest production plant in Brazil. This Fiat/Chrysler facility encompasses 500,700 sq. m. and is used in a wide variety of applications, including assembly, painting, bodywork, research and development center, training facility, a test track, and a supplier complex of 12 buildings. **As a way to reduce reinforcement-related project time as well as offer economic advantages compared to conventional temperature-steel wire mesh or steel fibers, the engineer specified several dosages of the FORTA-FERRO[®] in various slab areas**, which varied in thickness from 15 to 25 cm. The three-dimensional fiber was dosed at 3.5, 4.5, and 5.0 kg. / cu. m. depending on the slab design requirements. In general, floor panel joint spacing was 8m x 8m. Even at the relatively high fiber dosage, the **FORTA-FERRO[®] mixed and distributed evenly throughout the concrete, and provided the owner with a fiber-free surface finish.**

KEY POINTS

- Superior Strength
- Mixed and Distributed Evenly
- Superior Finish

DETAILS

Date: April 2013 - July 2015

Location: Goiana, Brazil

Dosage: 3.5, 4.5 and 5.9 kg. / cu. m.

Fiber: FORTA-FERRO[®] 54 mm

Owner Type: Individual

Application: Slab-on-Ground

Contact us for more details