

FAURECIA FACILITIES INDUSTRIAL FLOORS TORONTO, ONTARIO, CANADA

Product: Wirand® Steel fibers for reinforced concrete

Solution

Maccaferri provided a high performance solution for Faurecia, a leader in the automobile parts business. The specialist contractor in the industrial floor business in the Ontario area, Metroconcrete, selected Wirand® Steel Fibers as the ideal product for these slabs.

Best Features of the Structure

The contractor was very satisfied with the performance of Wirand® steel fibers because of their friendly workability, no balling problems, no fibers in the surface, and totally smooth surface.

Because this particular job was developed in big areas as a fast track to achieve a large surface with the highest quality in flatness and finishing, a product that was easy to pour into the concrete was needed. The concrete was pumped with a dosage rate of 25 kg/m³ (45 pounds/y³). The biggest challenge to this job was to achieve a flat, smooth and perfect surface. Wirand® Steel Fibers met all the demands of the project specifications.

Technical Characteristics:

Concrete class: 25 MPa (4000 psi)
Joints: saw cuts 5 mts (15 ft)
Thickness: 20 cms (8")
Total surface: 6,000 m² (60,000 sqft)
Pour duration: 3 days

Client:

METROCONCRETE

Main contractor:

METROCONCRETE

Designer:

METROCONCRETE/MACCAFERRI

Products used:

30,000 kg (66,120 pounds) of Wirand® FF1

Date of construction

SUMMER 2008



Initial site



During construction



During construction

MACCAFERRI



During Construction



During construction



During construction



During construction

MACCAFERRI

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