

### FERRARI-MASERATI DEALER INDUSTRIAL FLOORS TORONTO, ONTARIO, CANADA

**Product:** Wirand® Steel Fibers to reinforce concrete

#### Solution

Maccaferri provided a high performance flooring solution for the new Ferrari-Masserati dealer facility in Toronto, Ontario, Canada.

Wirand® Steel Fibres was selected as the ideal product for reinforcing the flooring slabs by industrial flooring specialist contractor, Metro Concrete.

#### Best Features of the Structure

The contractor was very satisfied with the performance of Wirand® Steel Fibres. The fibres were very workable with no balling problems. They also remained below the surface creating a totally smooth top.

This project required a product that was pour friendly because of the difficult to reach areas of the basement. Limited access openings prohibited the use of large machines to screed the surface. The concrete was pumped with a dosage rate of 25 kg/m<sup>3</sup> (45 pounds/y<sup>3</sup>).

The project specifications demanded a smooth, flat surface. The owner wanted a floor as perfect as the cars they sell. The cut joints in the floor are extremely clean and precisely straight. Definitely a floor fitting for the performance of Ferrari and Maserati automobiles.

#### Technical Characteristics

Concrete class: 25 MPa (4000 psi)  
Joints: saw cuts 4.5 ms (13.5 ft)  
Thickness: 15 cms (6")  
Total surface: 2,500 m<sup>2</sup> (25,000 sq ft)  
Pour duration: 2 days

Client:

METROCONCRETE

Main contractor:

METROCONCRETE

Designer:

METROCONCRETE/MACCAFERRI

Products used:

9300 kg (20,600 pounds) of Wirand® FF1

Date of construction

SUMMER 2008



Before Construction



Subbase Preparation



Concrete Mix

# MACCAFERRI



Wirand® Steel



During Construction



During Construction



During Construction

## MACCAFERRI

website: [www.maccaferri-usa.com](http://www.maccaferri-usa.com)

Headquarters:  
10303 Governor Lane Boulevard  
Williamsport, MD 21795-3116  
Tel: 301-223-6910  
Fax: 301-223-6134  
email: [hdqtrs@maccaferri-usa.com](mailto:hdqtrs@maccaferri-usa.com)

### MACCAFERRI, INC.

AZ, Phoenix  
CA, Sacramento  
FL, Coral Gables  
KY, Lexington  
MD, Williamsport

### Area Offices:

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