



Cem-FIL® GRC Renovation

San Siro Meazza Stadium, Milan



INTRODUCTION:

Following the successful use of Cem-FIL® GRC in refurbishing the Santiago Bernabeu Stadium for the World Cup Finals in Spain, it was later chosen to be used as an external cladding material to provide a face-lift to the San Siro Meazza Stadium in Milan, home of the Inter-Milan and AC Milan football clubs.

THE PROJECT:

Over 1,000 panels were produced to provide curtain walling and cladding to the four towers supporting the beams of the roof. The towers also had to be made one storey taller to allow space for the new roofing structure, and the light weight and thin section of the GRC panels enabled them to be installed in areas of limited access.

The GRC panels were made by GRC Italia, using the spray process and Cem-FIL® Spray rovings. The panels were 2.1m width and varied in height from 2.7 to 3.6m. They used the stud frame method of construction to simplify fixing, handling and to enable rapid installation. The stud frame method of construction allows the panels to accommodate the natural movement of the GRC due to changes in the weather, whilst providing the panel with excellent resistance to imposed loads, including those due to seismic activity. In total the contract used 7,200m² of GRC panels.

In addition to the GRC panels, the parent company of GRC Italia (OCM Valma) provided approximately 33,000m² of aluminium and polycarbonate cladding for this contract.

The project architect responsible for the refurbishment of the stadium was Sig. Arch. Ragazzi of the Fininvest Group, and the GRC elements were designed by Sig. Arch. Jesi of the OCM Valma Group.

www.cem-fil.com

DELIVERING SOLUTIONS – TRANSFORMING MARKETS – ENHANCING LIVES

NORTH AMERICA
James PATTERSON

TEL: +1 623.566.0260
FAX: +1 208.730.4581

Cem-fil@owenscorning.com

EUROPE
Holger ZORN

TEL: +32.2.674.8318
FAX: +32.2.674.0815

Cem-fil@owenscorning.com

ASIA PACIFIC MIDDLE EAST AND AFRICA
Peter RIDD

TEL: +44 1275 390 968
FAX: +44 117 370 1075

Cem-fil@owenscorning.com



OCV™ Reinforcements

OWENS CORNING
COMPOSITE MATERIALS, LLC
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO 43659
1.800.GET.PINK™

www.owenscorning.com
www.ocvreinforcements.com

EUROPEAN OWENS CORNING
FIBERGLAS, SPRL.
166, CHAUSSEE DE LA HULPE
B-1170 BRUSSELS
BELGIUM

+32.2.674.82.11

OWENS CORNING – OCV ASIA PACIFIC
SHANGHAI REGIONAL HEADQUARTERS.
2F OLIVE LVO. MANSION
620 HUA SHAN ROAD
SHANGHAI 200040
CHINA
+86.21.62489922

This information and data contained herein is offered solely as a guide in the selection of a reinforcement. The information contained in this publication is based on actual laboratory data and field test experience. We believe this information to be reliable, but do not guarantee its applicability to the user's process or assume any responsibility or liability arising out of its use or performance. The user agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production. It is important for the user to determine the properties of its own commercial compounds when using this or any other reinforcement. Because of numerous factors affecting results, we make no warranty of any kind, express or implied, including those of merchantability and fitness for a particular purpose. Statements in this publication shall not be construed as representations or warranties or as inducements to infringe any patent or violate any law safety code or insurance regulation.

Pub. No. 10012230. Owens Corning reserves the right to modify this document without prior notice. ©2010 Owens Corning

Case Study_San Siro Stadium_ww_11-2008_Rev1