



# Cem-FIL® GRC Façade Cladding

## Press Accommodation Building – Barcelona Olympics 1992

### INTRODUCTION:

At the 1992 Barcelona Olympics GRC was brought to the attention of the international press when 80,000m<sup>2</sup> of GRC façade panels were used to clad the official Press Accommodation building.

GRC panels were produced by one of the most experienced GRC manufacturers in Spain (SEIS) for the Levitt Company.

### FACTS:

- Façade for Press Accommodation building
- 80,000m<sup>2</sup> GRC cladding panels
- 21,000 panels with 700 variations – sandwich & single skin construction
- Manufactured by SEIS



### GRC PRODUCTION:

Production of the panels took 11 months, and resulted in 64,000m<sup>2</sup> of sandwich panels which were used for the complete insulated external walls, plus an additional 16,000m<sup>2</sup> of single skin panels for the parapets and non-insulated areas of cladding. The average surface area of each panel was 8.3m<sup>2</sup>. For the production of these panels 18 master moulds were made which, with modifications, created 90 different moulds. These 90 moulds were then further modified according to specific building requirements to create the 700 different panel designs.

Enrique Marquez Gonzalez, the fabrication manager, explained:

“Manufacture of the panels was carried out at our Torrejon factory outside Madrid. This factory has 1000m<sup>2</sup> of production area plus an external storage area. During the peak of production we were manufacturing 300m<sup>2</sup> per day, with 45 men working two overlapping 8 hour shifts. After demoulding and curing the panels were primed and painted in the factory with acrylic and isocyanurate base paints. The finish coating was applied on-site after panel erection.

We were delighted with the speed of erection which was completed ahead of programme. The ten 3-man installation teams were able to install 200 panels per day. We kept sufficient stock of panels on-site to cover 14 days of installation so as to minimise any risks of transport disruption or production delays.

Both the client and ourselves are very satisfied with the results and the building has performed well in accommodating the world press covering the games”.

Following the completion of the games, the buildings were modified and rented out as domestic apartments – a further testimony to the versatility of GRC.

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