



## Emirates Stadium

London, UK

### CUSTOMER

Arsenal FC

### SECTOR

Stadia

### DATE

2004-2006

### PRODUCTS

- Nitoseal MS300
- Flamex S
- Nitoflor Cureseal

### THE PROJECT

In February 2004, Sir Robert McAlpine began the construction of a brand new 60,000 capacity stadium for Arsenal football club. In July 2006 the stadium at Ashburton Grove, North London opened as the Emirates Stadium two weeks ahead of schedule and within budget.

Fosroc's role in the project was to supply joint sealants for the terracing throughout the stadium. Working closely with the contractor and sealant applicator, Fosroc delivered a solution using its suite of high performance construction sealants.

### THE SOLUTION

Movement joints in the huge precast units that make up the terracing were sealed with 15,000m of Nitoseal MS3000. Following this, 60,000m of Flamex S fire-rated sealant was applied to the terracing joints to give fire resistance. Products were applied to the terrace units by specialist sealant applicator Fastglobe Ltd.

Nitoseal MS300 is particularly suitable for this application due to its high module and excellent movement accommodation factor (Butt joints 25%, lap joints 50%). It is also an acoustic sealant, reducing noise ingress beneath the terracing and in hospitality areas.

### THE BENEFITS

Working together, Fosroc and Fastglobe delivered a solution allowing the construction of this magnificent stadium to continue on time and within budget.

As a one-part primerless sealant, Nitoseal MS300 can be applied very quickly, with a significantly faster application time than a two-part product. Nitoseal MS300 can accept foot traffic after 24 hours and heavy traffic after 4 days, meaning that time on site can be minimised.

