

MARINE AGGREGATES IN CONSTRUCTION

THE OLYMPIC STADIUM



BACKGROUND

The Olympic Stadium in Stratford, London, England was the centre-piece of the 2012 Summer Olympics, the last stop in the 2012 Olympics torch relay, and the venue of the athletic events as well as the opening and closing ceremonies. It was the central venue of the 2012 Summer Paralympics.

It is located at Marshgate Lane in London's Stratford district in the Lower Lea Valley. The stadium has a capacity of 80,000, making it the third-largest stadium in England behind Wembley Stadium and Twickenham Stadium.

CONSTRUCTION NOTES

Various grades of concrete were supplied. High quality finish was required in specified areas.

Approximately 50,000 cubic metres of ready mixed concrete was supplied using marine aggregate.

CONSTRUCTION CATEGORY

Structural concrete, visual concrete

END USE CATEGORY

Built environment, leisure, sport stadium

CASE STUDY 9

This case study forms part of a library of case studies demonstrating the successful use of marine aggregates in construction