

## MARINE AGGREGATES IN CONSTRUCTION

### NUMBER 1 COURT WIMBLEDON



## BACKGROUND

Opened in 1997, it is used for the Wimbledon Championships and is sometimes chosen for Great Britain Davis Cup home ties, the primary Centre Court being preserved solely for the Grand Slam tennis tournament (and the 2012 Olympic Games).

With a spectator capacity of 11,430 it replaced the now-demolished former No. 1 Court which had stood at the west side of Centre Court since 1928 with a spectator capacity of 7,328.

The old court was replaced by the Millennium Building, the media centre and facilities for players, members, and officials.

## CONSTRUCTION NOTES

Several thousand cubic metres of reinforced concrete were used in the construction of the stadium and associated tunnels, all of which were produced using marine coarse and fine aggregate.

### CONSTRUCTION CATEGORY

Structural concrete, visual concrete, pre-stressed concrete

### END USE CATEGORY

Sports stadia, leisure

## CASE STUDY 4

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