



'Watertight by Design'



Tottenham Hotspur New Stadium, London N17

Case Study

Tottenham Hotspur Football Club has moved into its new home which also has a partnership with the American NFL that will see at least two major American football games played at the stadium each season. This was made possible by the innovation of a retractable natural grass pitch, which will be used for Spurs home fixtures and an artificial multi-use surface underneath for the NFL matches, plus concerts and other events. With a seating capacity of 62,000, the Tottenham stadium is designed to ensure that the spectators are closer to the pitch than at any other comparable ground in the UK. It also includes the UK's largest single tier stand, which will hold up to 17,000 fans in the Spurs home-end.

As is typical for modern stadium design, there was a critical requirement for wide and high movement joint sealing systems in several important areas. These included joints in the plant service areas and walkways over prestige VIP and hospitality suites that also had to provide fire resistance, plus the important and often difficult heads-of-doors joints. These requirements were all safely and securely met using Emseal DFR-2 and Emseal SecuritySeal SSW2 respectively.

Client:
Tottenham Hotspur Football Club
Design:
Populous

Main Contractor:
Mace

Main Products Used:
Emshield DFR2 &
Emseal Security Seal SSW2

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NCC Movement Joint Systems