



Olympic Park Stadium Roof

London, United Kingdom



Project

The striking new cantilevered roof of the Olympic and Paralympic stadium measures 84 metres at its deepest point, is twice its original size and is the longest of its type in the world.

Work started on the site when the 2012 Olympics came to a close. The roof covers every seat at the 60,000 capacity venue. It was completed in 2015 in time to host five matches of the Rugby World Cup. The stadium is set to become the long term home of West Ham United in 2016 and will also host British Athletics.

Now complete, the roof allows all-weather protection for sports spectators and improved acoustics for concerts. A combination of solid and transparent roof coverings will allow natural light to shine through.

The Queen Elizabeth Olympic Park becomes another iconic structure to bolster Sherwin-Williams Protective & Marine Coatings track record for coatings used in prestigious sporting venues and stadia.

Substrate: Steel.

Requirements: To provide anti-corrosion protection for a minimum period of 20 years.

Specification: Blast cleaned to Sa2½ (ISO 8501-1:2007). Macropoxy™ C400V3 @ 200µm DFT, Acrolon™ C237 @ 50µm DFT.

Area coated: Approx 52,000 m².

Client: William Hares Ltd.

Main contractor: Balfour Beatty.

System

Sherwin-Williams supplied 40,000 litres of Macropoxy™ C400V3 multi-functional epoxy zinc phosphate coating and 12,000 litres of Acrolon™ C237 sheen finish, these coatings were used due to their solid track record.



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