

Wentworth Hall (West London, England)

Classification	New construction
Type of structure	Residential development
Place/Time	West London – England, July 2019



Project	High-end private housing in West London. This property has three 18-hole golf courses and features a country club with swimming pools, restaurants, tennis courts, health and leisure facilities.
Purpose for application	A heavy-duty waterproofing system was necessary to ensure dry comfort for these luxury homes. Special consideration was given to water filtering through from the nearby ponds and the irrigation system for the adjacent golf courses which drained into the lower levels of the structure.
Application	<p>Krystaline Add PLUS 2.5 was used in a mix design containing high additions of ground granulated blast-furnace slag (GGBFS). The admixture was added at the batching plant, waterproofing more than 2000 cubic meters of concrete in total.</p> <p>Krystaline 1, Krystaline Dry and Krystaline K-BAR SW were used to waterproof concrete joints according to Day Joint Designs no. 1, 2 and 3 depending on specific conditions. Tie holes were sealed with Krystaline Dry.</p> <p>Waterproofing materials and technical support provided by ICCT Ltd.</p>



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