



## OLD OAK COMMON STATION (HS2)



Leca® was procured and selected as the chosen Lightweight Aggregate (LWA) specified as part of the construction of Old Oak Common (OOC) station in London.

Old Oak Common is being built on the site of former railways maintenance depots and is approximately 500 metres south of Willesden Junction. It will act as a major interchange connecting HS2 with the Elizabeth Line and Great Western Mainline services.

The project's scale, depth and constrained urban setting present substantial geotechnical and structural challenges. Construction is taking place within a brownfield environment characterised by variable made ground, complex load paths and strict settlement criteria. In this context, Leca® LWA has been selected as part of the engineered ground solution due to its well-established performance characteristics and suitability for large-scale infrastructure works.

## FACTS

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**Amount of material:** 46,000m<sup>3</sup> of [LECA LWA \(10-20mm\)](#)

**Interesting Fact:** Over 3000m<sup>3</sup> of Leca® LWA was delivered and compacted in 2 weeks - providing optimised efficiency for the works program.

**Delivery Method:** Walking Floor

**Main Contractor:** Kilnbridge