

Harris Academy Sutton



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Finalist

Project category



Image credits: Archtype

The UK's first Passivhaus certified secondary school, and the largest Passivhaus school, celebrates natural, low carbon materials that bring a calm and inspiring air.

The new school was delivered on time and to budget to open in September 2019 and stands as a civic treasure for London: a high-quality, elegant and innovative building that sets a demanding yet achievable benchmark for future education projects.

Key info

Project name: Harris Academy Sutton
Project location: London Borough of Sutton
Building completion date: 08/2019
Building size (sqm): 10,625
Construction cost (approx.): £38 million
Construction type: CLT and timber frame
Building use: Secondary School

Project team

Architect/designer: Archtype
Client: London Borough of Sutton / Harris Federation
Contractor: Willmott Dixon
Product manufacturers/suppliers: KLH UK, CIUR, JJI, Ecological Building Systems, Foamglas, Puren, KME, Copper Classic, Lang Fenster, Lamilux, Rockphon, Tarkett

Highlights

Achieving RIBA 2030 targets for operational carbon emissions and is enabled for net-zero carbon.

The UK's first Passivhaus certified secondary school.

Above ground floor a cross laminated timber frame structure chosen for longevity, adaptability, low carbon and potential for reuse.

The frame is 'loose fit' with minimal internal supporting walls so that classrooms can expand or contract over the building's life.

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