



Design and Development of a Flagship Secondary School in Hammersmith and Fulham

# ORMISTON BRIDGE ACADEMY

## Complex and Technically Challenging Temporary Roof

Alltask was engaged to undertake essential refurbishment work at Ormiston Bridge Academy, a flagship secondary school in the London Borough of Hammersmith and Fulham. The academy specializes in supporting students with Autism Spectrum Disorder (ASD) and Social, Emotional, and Behavioural Difficulties (SEBD). The project focused on the refurbishment of three existing historic buildings, which were split into two phases. Alltask was responsible

for the second phase, which involved complex access and roofing solutions to facilitate the refurbishment.

The second phase of the project required the refurbishment of three existing buildings on the school site. This phase was particularly challenging due to the age and architectural complexity of the structures. The work needed to be meticulously planned and executed to preserve the buildings' historical integrity

while upgrading them to meet modern educational standards.

To enable the refurbishment works, Alltask provided comprehensive access and roofing solutions. These included:

- **Traditional Access Solutions:** Alltask installed independent scaffold structures around the buildings to provide safe and secure access for workers. This setup was crucial for carrying out various external works, including roof repairs and other structural renovations.

- **Haki Staircases and Loading Bays:** These were essential components of the access solution, allowing workers to easily and safely reach different levels of the buildings and facilitating the movement of materials. The loading bays were particularly important for the efficient transportation of roofing materials and other heavy equipment.





• **Provision of a Hoist:** A hoist was installed to replace roof tiles, repair damaged roof furniture, and carry out remedial works on the gutters, fascia, and flashings.

One of the most complex and technically challenging aspects of Alltask's work on this project was the design and construction of a large Haki Temporary Roof, designed in-house by Liam Shearer, our Senior Scaffold Design Engineer. This was necessary to protect the building while the roof refurbishment was carried out.

**Free-Standing Structure:** Due to the age and unique design of the existing building, the temporary roof had to be a free-standing structure with a span of 24 meters. This required a precise and carefully considered design to ensure stability and safety.

**Expert Design and Installation:** The roof was designed by Liam Shearer and installed by our team, whose expertise ensured that the structure met all necessary safety and performance standards. The design allowed for efficient work on the roof while protecting the building from the elements.

Alltask used Haki's rolling roof system to install the roof trusses. Unlike traditional methods, the Haki rolling roof system allowed our operatives to work from a

fully decked and guard railed working platform installed on the gable end, therefore greatly reducing any risks associated with working from height.

**Client Satisfaction:** The temporary roof was delivered to a very high standard, receiving positive feedback from our client, ISG Construction Ltd. The successful implementation of this complex structure demonstrated Alltask's ability to deliver innovative and effective solutions in challenging conditions.

Alltask's involvement in Phase 2 of the refurbishment at Ormiston Bridge Academy highlights our expertise and knowledge in providing advanced access and roofing solutions for complex projects. The successful delivery of the temporary roof and the traditional access infrastructure enabled the efficient and

safe refurbishment of the historic buildings, ensuring that the academy can continue to provide a supportive environment for its students.

