

PROJECT CASE STUDY

PATHOLOGY LAB, LEEDS

OVERVIEW

Our solution eliminated a 200mm thick concrete slab at roof height with all associated costs in time and hassle, and allowed the Kingspan roof to continue through over the complete area. This significantly shortened the time it took to get the building to the watertight stage resulting in an estimated cost saving of £120,000.00 and reduced the program by 6 weeks. With a total weight of 6 tonnes instead of approximately 25-30 tonnes, this was a huge saving on the environment as well as the structural requirements. The complete roof plant enclosure was installed in less than 2 weeks, with a crane required for one day only.

CLIENT - BAM Construction

Ltd - North East

PRODUCT DESCRIPTION -

271m² Series 1 platform with 3m high Acoustic+ screens, access landing and flue support structure

MARKET SECTOR -

Healthcare



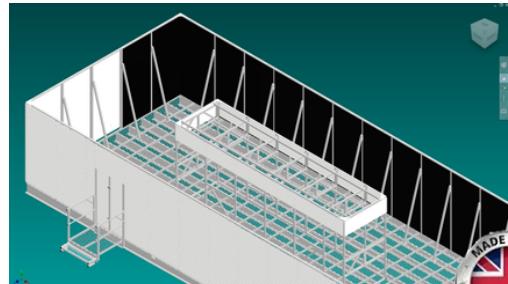
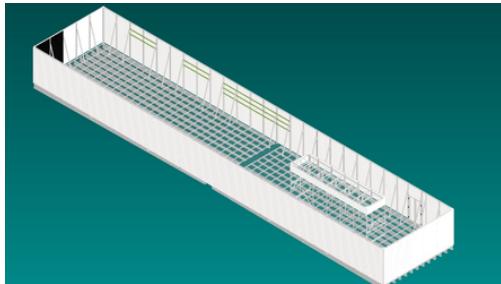
KEY FEATURES

- **Series 1** platform for a secure, non-penetrating rooftop solution.

- **Acoustic panels** for reducing sound pollution.

- Prefabricated flue support structure to save installation time on site

- Conforms to **BS EN 516 2006** and **BS EN 1090-3 2008**



Configured **Platforms**



INSTALLATION IN-PROGRESS SHOTS



INSTALLATION

The installation of the entire roof plant enclosure was completed in less than two weeks, with the crane being required for just a single day. The quick and efficient installation minimized disruption to the surrounding environment, enabling other ongoing activities to continue without delay. Additionally, the streamlined installation process meant that the package was delivered ahead of schedule, ensuring that the roof plant was operational in good time.

DESIGN

This simple yet effective design, developed by our in-house team, delivered a clean and professional solution to screen off the plant equipment, while also providing significant acoustic attenuation. A level, non-penetrating raised mesh deck was designed to evenly distribute the load of the units, providing stable support while eliminating any risk of damage to the roof surface. To further protect the roof and provide a cushioned interface, a 6mm foam rubber tape was applied to ensure a soft and secure transition onto the surface.

The design not only met all the specified roof requirements but also carefully addressed acoustic considerations, ensuring that noise control was integrated seamlessly into the overall solution. This combination of functionality and aesthetic appeal resulted in a final product that satisfied both technical and visual expectations. By optimizing the design for both efficiency and performance, we were able to provide a solution that enhanced the overall project timeline, reduced costs, and met all functional and aesthetic goals.



See below QR codes to our Specification Sheets for all our products used in this job

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1



2



3



4

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