

PROJECT CASE STUDY

SCARBOROUGH

OVERVIEW

For this project we supplied a 42m² **Series 1 Platform** with **Standard Screen** designed to mount and isolate ten Mitsubishi VRV units without any roof penetrations. To mitigate sound disruption the platform was complemented with a high-performance **Soundshield Screen** surround on two sides. By combining structural integrity with advanced noise reduction technology, the installation met all planning and environmental compliance requirements. It also demonstrated a proactive approach to community impact mitigation, providing peace of mind for nearby residents and contributing to the overall sustainability of the development.

CLIENT - PDR Construction

PRODUCT DESCRIPTION - Series 1 platform with 1.6m high Standard Screen and Soundshield

MARKET SECTOR - Healthcare

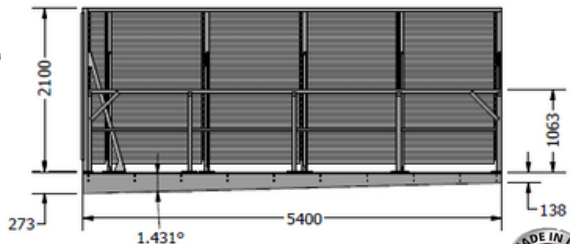
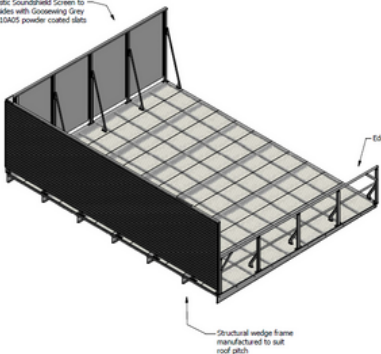
KEY FEATURES

- **Series 1** platform for a secure, non-penetrating rooftop solution.
- **Standard Screen** panels for enclosing and protecting equipment.
- **Soundshield** acoustic panels providing a 28db reduction.

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



Acoustic Soundshield Screen to 2 sides with Greening Grey R510A05 powder coated slats



Configured Platforms



INSTALLATION IN-PROGRESS SHOTS



INSTALLATION

Thanks to the modular, prefabricated design and the inclusion of clear, easy to follow instructions, the process was highly efficient from start to finish. The pre-engineered components arrived onsite organized and ready for assembly, significantly reducing installation time and complexity. The modular concept played a key role in the project's success; ensuring there were no missing parts, no product waste, and no delays. This streamlined approach not only minimized onsite disruption but also enabled the team to complete the build smoothly and within the projected timeline.



DESIGN

This design developed by our inhouse design team featured a fully integrated, penetration-less plant deck and screen system. Acoustic panels was strategically installed to two sides to act as a sound barrier, effectively mitigating the operational noise emitted by the VRV units. The choice of a Series 1 Platform provided a robust and stable base, ensuring both safety and functionality, while also facilitating easier access for ongoing maintenance.



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

Click or scan



Series 1



Soundshield



Standard Screen

ConfiguredPlatforms



Project Video

