

PROJECT CASE STUDY

BURTON UPON TRENT

OVERVIEW

Configured Platforms delivered a non-penetrating, ballast-weighted visual screen enclosure to house multiple condensers on this newly constructed hotel. The Speedscreen400 system significantly reduced installation time and complexity for the main contractor by eliminating the need for concrete plinths or additional structural steelwork typically required for traditional steel enclosures. Unlike conventional systems that often necessitate roof membrane penetrations, this innovative solution rests directly on the finished roof surface.

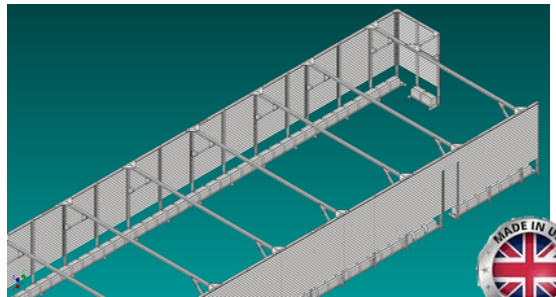
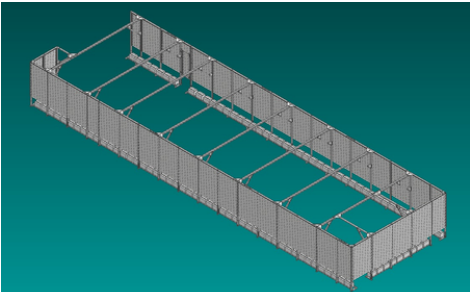
CLIENT - CARTER LAUREN
CONSTRUCTION LIMITED

PRODUCT DESCRIPTION -
Speedscreen400 with
overhead bracing

MARKET SECTOR - Hospitality

KEY FEATURES

- **Speedscreen400** ballast weighted, non-penetrating, rooftop visual screen enclosure.
- **Standard Screen**- aesthetically pleasing aluminium slatted screen, polyester powder-coated to any RAL colour
- **Overhead bracing** - ideally suited to congested roof areas due to maximum spatial efficiency
- Conforms to **BS EN 516 2006** and **BS EN 1090-3 2008**



Configured Platforms



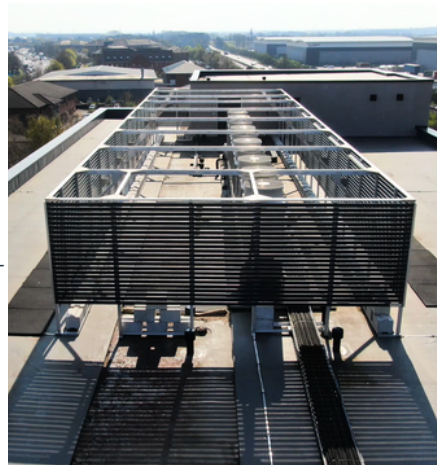


INSTALLATION

"Installation was impressively completed in just three days by a team of three installers. This rapid turnaround was made possible by the highly efficient solution, delivered flat-packed with clear, easy-to-follow instructions—minimizing disruption and maximizing on-site efficiency."

DESIGN

This simple yet effective design, developed by our in-house team, delivered a clean and professional solution to screen off the plant equipment. To protect the roof and provide a cushioned interface, a 6mm foam rubber tape was applied to the underside of each foot to ensure a soft and secure transition onto the surface and to reduce vibration. The design of the enclosure not only met all the specified maintenance access requirements but also carefully addressed visual considerations, ensuring that the units were concealed from site in every direction. This combination of functionality and aesthetic appeal resulted in a final product that satisfied both technical and architectural 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 risks of leaks, and met all functional and aesthetic goals.



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

Click or scan



Speedscreen400



Project Video

More Information

ConfiguredPlatforms

www.youtube.com/configuredplatforms

www.configuredplatforms.com

