

Case Study – Premier Inn Hereford



Project Overview:

Bespoke Acoustic Solutions Ltd recently completed a significant project at the new Premier Inn in Hereford. The project involved supplying and installing a screening louvre on the hotel's roof to conceal the Variable Refrigerant Flow (VRF) systems used for air conditioning. BAS was appointed to provide a tailored solution to prevent local residents from seeing the unsightly equipment, while ensuring minimal disruption to the building's aesthetics



Bespoke Acoustic Solutions Limited

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Registered in England No. 10866964.



Client Collaboration and Requirements:

The Premier Inn sought a discreet solution to hide the VRF systems on the roof without compromising the building's architectural integrity. Collaborating closely with the client, BAS understood the importance of preserving the hotel's visual appeal and worked to meet the specific requirements outlined by the architect.



Design and Engineering Solutions:

In collaboration with Bigfoot Support Systems, BAS developed a non-penetrative freestanding system to support the screening louvre. This innovative approach eliminated the need for traditional structural steelwork, which could potentially compromise the roof's integrity. The system was meticulously designed to ensure compatibility with the architect's vision while effectively concealing the VRF systems.

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Manufacturing and Installation:

BAS manufactured the screening louvre and support system off-site, ensuring precise fabrication and quality control. The components were then transported to the site and assembled in under a week, minimizing disruption to hotel operations. Concrete paving slabs were used as ballast to counteract windloads on the louvre screen, providing stability and durability.



Operational Success and Client Satisfaction:

The completed screening louvre effectively concealed the VRF systems on the hotel's roof, enhancing the building's visual appeal while addressing the client's concerns about potential visual disturbances for local residents. The client expressed satisfaction with the solution provided by BAS, noting the seamless integration of the screening louvre into the hotel's architecture and the efficient installation process.

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**Conclusion:**

The Premier Inn project in Hereford exemplifies Bespoke Acoustic Solutions Ltd's commitment to delivering tailored solutions that balance functionality with aesthetics. Through collaboration, innovation, and meticulous attention to detail, BAS successfully addressed the client's requirements, providing a discreet and effective solution for concealing unsightly equipment. As a trusted partner in noise control solutions, BAS remains dedicated to exceeding client expectations and enhancing the built environment with cutting-edge acoustic solutions

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