

THE KEEP

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ROOFLIGHT CO.
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Despite being an historical research centre, The Keep in Brighton stands as a beacon for modern design and sustainability. Opened in June 2013, the striking new-build facility achieves a **BREEAM Excellence Certification** through its integration of highly efficient systems such as solar panels, solar heating, thick walls, a biomass boiler and security features.

Designed by Jeff Watson and David Morriss of Atkins Architects and constructed by Kier, the public building is home to over six miles of archives and historical resources, with many documents dating back more than 900 years. The Keep also houses many rare historical resources.

A key challenge for the architects was ensuring the security of the valuable content within the building while maintaining the aesthetic appeal and functionality of the structure. The Rooflight Co was chosen for their unique ability to provide Secured by Design (SBD) rooflights, essential for meeting the project's high-security requirements. Each rooflight has a fade-guard glazing specification to protect documents and furnishings which may be damaged from ultraviolet light.

The project team's dedication to combining advanced security measures with sustainable and modern design elements resulted in a state-of-the-art facility that serves the community's educational and research needs while preserving valuable historical documents securely.

A total of ten SBD rooflights, each measuring 1225mm x 1225mm and finished in jet black, were installed.

These rooflights not only met the stringent security standards but also seamlessly integrated with the building's modern design.

The Secured by Design rooflights are certified to LPS 1175 SR2, a standard that ensures resistance to forced entry, providing peace of mind for the protection of sensitive historical documents stored within the facility.

The Rooflight Co collaborated closely with both Kier Construction and Atkins Architects to ensure precise installation. This included creating an L10 specification to streamline the planning submission process and ensuring the concrete kerb upstand met the SR2 certification requirements. Special attention was given to kerb detailing, particularly regarding the insulation placement within the kerb structure to mitigate cold bridging and the meticulous design of the internal finish.

The rooflights were designed not only to offer security but also to enhance natural lighting within the building, creating a bright and inviting space for visitors and researchers. The integration of rooflights into The Keep's design creates a harmonious balance between form, function, and security, showcasing The Rooflight Co's commitment to both innovation and quality.

Secured by Design is a prestigious accreditation that showcases products and developments designed to promote safety, and enhance security measures. Buildings and products that meet the stringent standards of Secured by Design offer peace of mind and protection to their users.

Secured by Design



Police Preferred Specification



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'The Rooflight Co's expertise in providing high-security solutions was instrumental in the success of The Keep. Their Secured by Design rooflights not only met our stringent security requirements but also enhanced the overall aesthetic and functional quality of the building.'

Jeff Watson, Atkins Architects

Architect:
[Atkins Architects](#)

Contractor:
[Kier Construction](#)

Contact us for more information:
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