

Overview

Modular Security Solutions were proud to work with a UK based, leading supplier of security products and on-site services to provide a heightened security environment to a prestigious UK banking and cash handling facility.

Our high security composite panel system was used to fortify the perimeter of the existing building's structure and to securely partition highly sensitive areas as well as being used to construct airlock entry point kiosks enabling secure access.

The project provided a 155 Linear metre walling system, which spanned between solid head/slab substrates up to 4 metres high. When combined with the additional partitioning and entry point enclosures, the project comprised of over 1000m² of MSS high security composite panel system.

The end user required that the walling system be fixed between existing upright circular pillars which provided integral structural support to the existing building and wished to maximise floor space in the newly constructed security environment, making boxing around the pillars non-viable.

The function and objective of the newly built secure facility also demanded that a multitude of secure penetrations be integrated into the security panels, allowing for critical electrical and mechanical service feed.

Outcome

Despite very limited site access, the thorough, methodical, and joined up approach to survey between Modular Security Solutions and our client proved to be a successful collaboration.

The installation ran smoothly and efficiently with the project being delivered on-time and on budget.

We are delighted to have worked with our client to present a unique physical security solution to their critical end user.

Our High Security Composite Panels can be retrofit into existing cash handling offices, cash in transit depots, safety deposit centres and banking infrastructure.

Modular Security Solutions high security composite panel systems are a fully modular and future-proof building solution. Our security system is fully demountable and can be extended and built onto quickly and inexpensively.

At Modular Security Solutions, we understand that when it comes to security construction, one size does not fit all. That is why our high security composite panel system is available with a range of construction options. Our security installation training package is bespoke and specifically tailored to cover challenges or concerns relating to your unique high security composite panel project.



Modular Security Solutions

Buildings You Can Trust

Approach

Due to the extraordinarily high level of on-site security all information required for the design of the secure facilities was expertly communicated to MSS via our client following detailed surveys, precision information relay and a sectional stage and gate design approach.

Each area of the build was designated a zone reference which would ultimately coincide with the on-site build sequence. Each of the zones was meticulously measured and detailed and the information was communicated directly to the Modular Security Solutions design team. Each design element of a zone was closed off via a technical clarification process and area drawing packs were fully signed off ahead of moving onto the next zone. This joined up design approach prevented any oversights or design clashes.

The high security walling system was designed to perfectly span and fix between the existing upright circular pillars using a combination of our high gauge steel security post, angle and plate arrangement ensuring that interfaces were concealed/protected and that all potential security lever points were inaccessible.

Service penetrations were cut into the high security composite panels off-site, making the installation process on-site fast and clean. Penetrations were fortified using our high gauge steel penetration collars and security sleeves which were powder coated to provide a perfect colour match to the white hygienic panel facings.

Already highly experienced security installers, rather than participate in our generic installation training, our client elected to receive project specific installation training as part of a project kick off meeting which focused very specifically on overcoming on-site challenges particular to this site.



Free Design Package



Secure Penetrations



Installation Training