



REDEVELOPMENT PROJECT RECEIVES INTELLIGENT SECURITY

## OBEXION

SPECIALIST SECURITY SYSTEMS

### PRODUCTS FEATURED:

Obexion UD SR2 Security Shutter

Originally a Victorian workhouse, previous refurbishment works had transformed the property into a functioning hospital. This new redevelopment intended to provide nearly 400 private accommodations within walking distance of Romford Town Centre. Charter Global were approached to assist securing the car park for the residents, primarily NHS key workers and local nurses, but also to the local community.

A review of the site by Secured by Design (SBD) officers highlighted the need for SBD shutters to the car park, which also had to remain accessible by the residents.

### The Challenge

As with all underground car parks ventilation and airflow is required to control carbon monoxide build-up through exhaust fumes.

Outlined in Part F building regulations the ventilation requirements for car parks above ground level

should meet three Air Changes per Hour (ACH) when combined with natural ventilation, such as through the security shutters. This requirement for ventilation often conflicts with the need for security to the car park entrance.

The SBD Architectural Liaison Officer (ALO) specified an SBD approved roller shutter certified to LPS 1175, Issue 7: SR2 to the openings. In order to meet this security requirement the majority of security shutters are only available with a solid shutter curtain, therefore providing no means of ventilation.



### The Solution

With the the only perforated security shutter certified to LPS 1175, Issue 7: SR2, Charter Global were approached to supply, install and maintain an Obexion UD SR2 Shutter. With the perforated lath, the shutter maintains approximately 20% free area; achieving the requirement for ventilation.

Working with the developer and the design team, the Obexion UD SR2 Shutter was the perfect solution to the common problem of providing an effective measured security solution whilst meeting the requirements for ventilation and airflow.

An additional benefit of the Obexion US SR2 Shutter is the unique Lockdown technology included as standard for car park applications. Ensuring the shutter cannot be left in an insecure position through user misuse – ideal for areas such as with this project where the public are operating the shutter.

As for control, the shutters are operated via remote control units given to each resident and utilise a high duty cycle motor to cater for the frequent use of the shutters throughout the day.

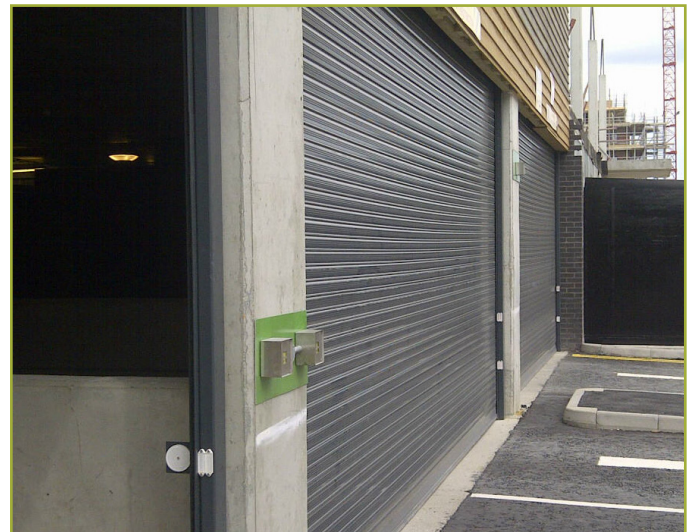


### The Outcome

The final specification of the Obexion SR2 perforated shutter met the requirements of all parties involved in the build, without any compromise on either the security or the ventilation requirements.

Following the completion of the project the service and maintenance package for the Obexion shutters guarantees the continued smooth running of the shutters on an ongoing basis and ensures the legal requirements for shutter maintenance are fully up to date.

For further information on the products featured here, please visit [www.charter-global.com/obexion](http://www.charter-global.com/obexion)



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Obexion, Charter Global's high-risk specialist association, provides intelligent physical security solutions for a multitude of sectors including Financial Institutions, Government and Defence.

Offering a comprehensive range of high performance security measures to commercial asset protection professionals, Obexion was the first to manufacture and to date to supply and install solutions up to specification SR5 of the LPS 1175: Issue 7 standard. Contact Charter Global directly for further resource.