CHARTER GLOBAL
PROTECTING PEOPLE | SECURING PROPERTY

INTEGR8 STRUCTURAL SR2 SECURITY SHUTTER



PRODUCT REFERENCE

Integr8 Structural SR2 Security Shutter

PERFORMANCE

Product to ensure maximum security when closed and to be fully-concealed when open

CERTIFIED PROTECTION AGAINST:

Forced Entry: **Bodily Force**

Mitigation of opportunist intruder attempts using manual or bodily force including tools.

Forced Entry: **Power Tools**

Protecting against deliberate forced entry of premises using mechanically -enhanced power tools.

STRUCTURAL LINTEL

- Specified to guard against an opportunist attack using bodily physical force and a selection of attack tools that increase mechanical advantage
- Installed in-line with police approved standards
- Compliant with new building guidelines

Independently tested and approved under the stringent Loss Prevention Standard, LPS 1175, the Integr8 Structural shutter is certified to SR2 level and is also recognised by Secured by Design as a Police Preferred Specification.

Certified to security rating LPS 1175 SR2 ensures these shutters are rigorously tested to simulate a determined opportunist attacker in areas of high domestic risk using bodily force and hand tools that offer a mechanical advantage.

The system is fitted with a Vortex+ shutter curtain as standard which has a patented lath design to reduce the roll size. The Vortex+ curtain rolls up to 50% smaller than a standard shutter making it suitable for applications with the smallest headroom requirements.

PRODUCT FEATURES

- Innovative lath design with extruded aluminium guides and end retention pins
- Reduces headroom requirements without compromising on the standard of security
- Vortex curtain rolls up to 50% smaller than a standard shutter
- Perforated options available to offer ventilation through free open area

Vortex+ internal face fix solid lath curtain is certified to SR2 and Vortex+ external face fix is certified to SR1. Perforated versions are certified to SR1 rating.

CHARTER GLOBAL

INTEGR8 STRUCTURAL SR2 SECURITY SHUTTER

By removing the need for an unsightly head-box, Integr8 Built-In roller shutters sit within the load-bearing lintel of an aperture. Engineered to integrate within the very fabric of an architectural structure, Integr8 Shutters focus on causing minimal disruption through lintel specification. Integr8 Structural Built-In Shutters are not suited in retro-fit situations or refurbishment projects. Installation of the lintel must occur during the structural development stage of the build as best practice.

SPECIFICATION DESCRIPTION

- Specified to guard against an opportunist attack using bodily physical force and a selection of attack tools that increase mechanical advantage

SUITABLE APPLICATIONS INCLUDE:

- Commercial
- Community
- Education
- Healthcare

SUITABLE SUBSTRATES

Suitable for installation onto:

- Brickwork
- Blockwork

SHUTTER CURTAIN

- Vortex+ shutter curtain with patented lath design for up to 50% smaller rolling
- Vortex+ solid lath external face fix has SR1 certification and internal face fix has SR2 certification
- Finish as delivered: Polyester powder-coated in standard RAL/BS colours available
- Marine Grade PPC or anodising options including wood grain effect available
- 13% perforated shutter curtain has SR1 rating for both internal and external face fix
- Alternative curtain options use Lockdown Technology with unique profiles that lock shutter in any stop position – fully or part-closed

BOTTOM RAIL

- Reinforced extruded aluminium section with strengthened core

APPROVED DIMENSIONS

Min certified height: **1.0m**	Min certified width: **0.6m**
Max certified height: **10.0m**	Max certified width: **8.0m**

FRAMES/GUIDES

- Recessed into cavity of external wall complete with fully-insulated closer in frame former design
- Finish as delivered: Polyester powder-coated in standard RAL/BS colours available

HOOD BOX/LINTEL

- Fully-insulated structural lintel incorporating shutter headbox
- Finish: Manufactured from galvanised steel and provided in dark grey RAL

CONTROLS

Full range of compatible controls including:

- Push button switch
- Key switch
- Radio control
- Integration into existing building management systems and third party alarm
- Safety on close as assessment directs

OPERATION

- Motorised to allow controlled ascent and descent
- 240v - low duty cycle or where limited to single phase supply
- Manual override option for power failure

Assessed to ISO 9001
Cert/LPCB ref: 1075

LPS 1175: Issue 8
Cert No. 1075a

Secured by Design
Official Police Security Initiative

1 Darwin Close, Reading RG2 0TB United Kingdom
+44 (0)845 050 8705 enquiries@charter-global.com **www.charter-global.com**