CHARTER GLOBAL
PROTECTING PEOPLE | SECURING PROPERTY

INTEGR8 STRUCTURAL SHUTTER (NO SECURITY RATING)



PRODUCT REFERENCE

Integr8 Structural Shutter (no security rating)

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

- Combined structural lintel and shutter hood box for traditional construction styles
- Shutter lintel and cavity closer guides installed during construction stage
- Routine maintenance via internal access panel

PRODUCT FEATURES

- Lintels designed to suit the structural loading imposed for each opening
- Insulated and powder coated combined cavity closer and guide
- Vortex curtain with 50% smaller roll size than standard curtain

The Integr8 Structural Shutter system incorporates a shutter within a structural lintel, providing an unobtrusive structurally integrated solution.

The lintel and cavity closer elements of the system are installed in the traditional manner at the time of build. The system addresses the usual issues of lintel design, such as structural loadbearing, cold bridging and damp proofing, but has the added benefit of housing a security shutter when required. The shutter curtain is installed as a second-fix item via an internal maintenance access panel. 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.

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In the raised position, the shutter is completely concealed from view, retaining the clean lines of the opening. In the lowered position, the shutter ensures effective resistance against intruder attack. The absence of visible guide rails or boxes limits the potential for effective attack on the system. Custom designs such as those for curved and arched windows are also available.

SPECIFICATION DESCRIPTION

- Horizontal shutters, with roller shutter boxes mounted at high level to internal skin framing system

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
- Compact high-security Grade 6063 T6
- Finish as delivered: Polyester powder-coated in standard RAL/BS colours available
- Marine Grade PPC or anodising options including wood grain effect available
- Perforated laths available giving up to 13% open area

BOTTOM RAIL

- Reinforced extruded aluminium section with strengthened core

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

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