CHARTER GLOBAL
PROTECTING PEOPLE | SECURING PROPERTY

INTEGR8 NON-STRUCTURAL SHUTTER (NO SECURITY RATING)



PRODUCT REFERENCE

Integr8 Non-Structural Shutter (no security rating)

PERFORMANCE

High-strength extruded aluminium to ensure glazing and building protection

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.

CONCEALED SHUTTER

- Insulated cavity closer incorporates the polyester powder-coated shutter guide rail
- Concealed lightweight shutter box attached to the inner skin during construction
- Routine maintenance via internal access panel

The Integr8 Non-Structural Shutter system provides an effective solution for fast track build styles including SFS and timber frame. The design concept is based on the popular Integr8 Structural Shutter, (a lintel shutter system), but this version is suited to fast-track build solutions.

The inner skin is self-supporting, eliminating the structural requirements and incurred cost of a lintel. 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

- Eliminates costs of structural lintel where this is not required to the internal skin
- High-security due to integrated design
- Fully-concealed in raised position
- Allows construction of internal and external skin at different construction stages
- Vortex curtain with 50% smaller roll size than standard curtain

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The Integr8 Non-Structural Shutter is a lightweight housing solution which simply attaches to the inner frame, catering for all aspects of integration. The side guide profiles are included as part of the cavity closer ensuring pleasing aesthetics and effective security. The Integr8 Non-Structural Shutter offers a value engineered solution to fast track build styles.

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
- Timber frame
- Structural steel framing

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
- Finish as delivered: Polyester powder-coated in standard RAL/BS colours available

HOOD BOX

- Two part, roll folded aluminium hood box with detachable front cover for maintenance

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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