

INTEGR8 STRUCTURAL SECURITY SHUTTER



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.

PRODUCT REFERENCE

Integr8 Structural Security Shutter

PERFORMANCE

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

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.



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.

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

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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.

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 code.

Marine Grade PPC or anodising options including wood grain effect available.

Perforated laths available up to 13%.

HEADBOX / LINTEL

Fully insulated structural lintel incorporating shutter headbox.

Finish: Manufactured from galvanised steel and provided in dark grey RAL.

BOTTOM RAIL

Reinforced extruded aluminium section with strengthened core as required.

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 colour.

SUITABLE SUBSTRATES:

Suitable for installation onto:

- Brickwork
- Blockwork

SUITABLE APPLICATIONS:

- Commercial
- Community
- Education
- Healthcare

ARRANGEMENT

Horizontal shutters, with roller shutter boxes concealed behind external brick leaf.

CONTROLS

Full range of compatible controls including push button switch, key switch, radio control or 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.