

Delta Guard 3800 Built On Security Shutters

Product Data Sheet 2 / 9

Product Description

Our Delta Guard 3801 insurance approved built on security window shutters have been developed to provide an architecturally acceptable answer to the growing need for vandalism and burglary protection on domestic and commercial property.

Specifiers, end users, the police and insurers are increasingly demanding physical security that carries an independent stamp of compliance and quality assurance.

The Loss Prevention Certification Board (LPCB), the UK's leading independent certification body, operates a product approval scheme to Loss Prevention 1175 (LPS1175)



Approval and certification is based on the testing of the products performance, and the manufacturers quality management systems being in accordance with ISO 9000. Installation procedures are also defined to a high standard, ensuring the product is not weakened by a poor installation. These specialised products should only be attached to structurally sound openings such as masonry, brick, steel or timber, moreover the type and frequency of the fixings is precise. LPS1175 is the only meaningful benchmark for gauging actual resistance in the face of a determined attack.



Passing the test regime is a tough and lengthy process and the Delta Guard 3801 is approved to LPS1175 security rating classification 1

As a further reinforcement of the products performance, the Delta Guard 3801 security shutter have successfully undergone Secured By Design evaluation and are able to display the Police Preferred Specification mark. Secured by Design identifies technical standards and evaluations which test the competence of security products and the resistance to criminal attack. The tests and evaluations are carried out by UKAS approved test houses.

The unobtrusive design also helps in meeting the demands of many of the more stringent planning authorities.

The uniquely neat finish of security window shutters is particularly evident when they are built on to an existing building with compact aluminium boxes, styled to minimise their visual impact.

The slim-line finish even makes the internal fitting of window shutters a frequent choice. Our continuous programme of product development has produced a compact shutter of exceptional strength for small to medium size apertures.

Window shutters are easy to operate from inside, manually or electrically.

Countrywide installations include windows and doors on city centre, suburban and rural homes, offices, factories, sports centres, computer rooms and golf clubs. In short, any building where security is a concern from the outset. Unlike many other designs the Delta

Guard 3801 is manufactured from 38mm solid aluminium profiles double walled to provide higher security.

Overall minimum and maximum widths are; minimum width 900mm, maximum size 3000mm wide x 4000mm high, maximum area 12sqm, curtain weight is calculated at 8kg/sqm.

Shutter box

Die cast aluminium end plates with 2 piece roll formed aluminium casing in sizes 165mm square up to 250mm square dependent on height.

Guide Rail

Extruded aluminium H40S guides with barbed protection and high-density 6mm Pile Brush Seals. These guides are 70mm deep project 27mm from the fixing face.



Shutter Slat- CD 38

Made from double walled extruded aluminium 38mm deep, this special design coils to a small box size but gives considerable strength through the double wall construction. Suitable when security is paramount. The curtain can be mixed with vision sections of CD38 lath to give partial vision through the door when closed.



Finish

Standard colours for curtain slats. White RAL 9010, Brown RAL 8014 and Cream 1015.
Standard colour for bottom slats, box canopy and guides. White RAL 9010, Dark Brown BS 08 B29.
Other powder-coated colours are available on request.

Operation

The door is powered by Somfy single-phase 240v tubular motors. The tubular motor fits inside the axle and draws approximately 250 watts, 3 amps. Operation is by rocker switch, key switch or remote control. A manual override can be specified to operate from inside only. Multi shutter electric installations can be wired to operate from central or group switches, details available on request.



Security

Locking is provided automatically from the motor and manually operated bottom rail shoot locks or bullet locks into the side guides.

Shading/Blackout

The shutters can be stopped at any point to be used for shading. When the shutter is fully closed it is effectively a blackout blind.

Thermal Conductivity.

The K value of a double glazed window fitted with an aluminium shutter is further improved by 35% from 1.8 to 2.6 w/m²K.

Maintenance

Window shutters primarily require keeping clean, particularly on city centre or coastal installations. Commercial installations should have a maintenance check every year. The guarantee period is 12 months.

Warranty

The Delta Guard 3801 doors are supplied with a 24 month parts and labour warranty as standard providing the equipment is maintained in accordance with the manufacturer's instruction and not modified in any way whatsoever. Full details of the servicing requirements are available.

Servicing

To help protect your investment and extend the effective working life of the equipment, full maintenance packages are available and, in most cases, we can maintain your existing doors.

We have Worksafe Contractor, CHAS and Construction Line accreditation as well as being active members of the Doors and Hardware Federation (DHF) where we have their seal of approval for the service and maintenance of doors. We ensure that our staff are trained to the highest standard and all have an NVQ qualification in line with current industry guidelines This NVQ is in addition to the CSCS Health and Safety, First Aid, Asbestos Awareness and other training including product training applicable to our industry and is continually being updated.





Other products in the Delta range from Enerco include: -

Delta Guard – Commercial Shutters
Delta Check – Fire Roller Shutter
Delta Slide – Insulated Overhead Doors
Delta Part – High Speed Bi – Parting Doors
Delta Steel – Steel Security Door Sets
Delta Level – Dock Levellers
Delta Seal – Dock Sealing Systems
Delta Speed – High Speed Doors
Delta Service – Service and Repairs
Delta Glide – Garage Doors
Bars
Delta Glaze – Aluminium Glazed Window and Door Systems

Delta Roll – Steel Roller Shutter Doors
Delta Secure – High Speed Security Doors
Delta Insudoor – Insulated Roller Shutters
Delta Strip – Strip Curtains
Delta Fold – Steel Sliding Folding Shutters
Delta Lift – Scissor Lifts
Delta Shield – Perimeter Security
Delta Grille – Retractable Window Grilles
Delta Load – Loading Bay Accessories
Delta Bar – Fixed & Removable Security Window

Please contact our sales team for more information on 01525 289322 or a brochure. Alternatively visit our web site www.enerco.co.uk or www.enercohighspeeddoors.co.uk

We reserve the right to change the specification of the product and product data sheet without prior notification