

## Delta Guard 1500 Built In Security Shutter

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#### Product Description

Security window shutters have been developed to provide an architecturally compatible answer to the growing need for vandalism and burglary protection on domestic and commercial property. The unobtrusive design also helps in meeting the demands of many of the more stringent planning authorities.

Built in shutters give all the benefits of easily operated security at night, but by day disappear leaving the building attractive and welcoming. Building the shutter box and guide rails into the wall during construction or major refurbishment achieves a neat finish and more importantly, high levels of security. 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.

Suitable for low to medium security on spans up to 3000mm wide.



#### Shutter box

Die cast Aluminium End Plates with 2 piece Roll Formed Aluminium Casing. Larger sizes will be supplied with zinc plates, steel end plates.

#### Guide Rail

Extruded Aluminium with box section for fixing/reinforcement. High density 6mm Pile Brush Seals, H25 guide profile as standard. Other sizes are available upon request.

#### Shutter Slat- CD 150

Made from double skinned CFC foam filled aluminium slat, vented as standard (spring and Lock operated shutters are supplied non vented).

#### 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.

The following optional colours have a satin finish unless noted: White RAL 9010, Brilliant White RAL 9016, Magnolia RAL 1015, Mushroom BS 06 C 33, Beige RAL 1001, Yellow RAL 1018 Gloss, Orange RAL 1028 Gloss, Pale Green RAL 6021 Gloss, Green RAL 6016, Green BS 14 C 39, Moss Green RAL 6005, Fir Green RAL 6009, Pale Brown RAL 8070, Brown RAL 8014, Brown BS 08 B 29, Dark Brown RAL 8022, Poppy Red BS 04 E 53, Traffic Red RAL3020, Dark Red RAL 3011 Gloss, Pale Blue RAL 5015, Blue RAL 5009, Royal Blue RAL 5002, Dark Blue RAL 5003, Dark Blue RAL 5013, Off White RAL 9003, Pale Grey RAL 7047, Pale Grey BS 18 B 17, Pale Grey RAL 7035, Grey BS 00A 09, Grey RAL 9006, Grey BS 632, Dark Grey RAL 7015 Gloss, Black RAL 9005.

### **Electric**

Motors are required on larger shutters and are optional on smaller shutters. 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. Ask for details

### **Security. (Manual Shutter Only)**

A spring-loaded lock operates automatically when the shutter is fully lowered. Security angle on the cill for shutters to sit down behind is recommended on wide or vulnerable installations. Extruded slats must be specified for security.

### **Shading/Blackout**

The shutters can be stopped at any point to be used for shading. This is enhanced by the optional light slits on the foam filled slats. When the shutter is fully closed it is effectively a blackout blind.

### **Thermal Conductivity.**

The K value of a double glazed window fitted with a foam filled shutter is further improved by 35% from 1.8 to 2.6 w/m<sup>2</sup>K. The improvement is similar with an extruded slat.

### **Maintenance**

Window shutters primarily require keeping clean, particularly on city centre or coastal installations.

Commercial installations should have maintenance check every year. The guarantee period is 12 months.



Other products in the Delta range from Enerco include: -

- Delta Guard – Commercial Shutters
- Delta Roll – Steel Roller Shutter Doors
- Delta Speed – High Speed Doors
- Delta Secure – High Speed Security Doors
- Delta Slide – Insulated Overhead Doors
- Delta Insudoor – Insulated Roller Shutters
- Delta Part – High Speed Bi – Parting Doors
- Delta Strip – Strip Curtains
- Delta Steel – Steel Security Door Sets
- Delta Fold – Steel Sliding Folding Shutters
- Delta Level – Dock Levellers
- Delta Lift – Scissor Lifts
- Delta Seal – Dock Sealing Systems
- Delta Shield – Perimeter Security
- Delta Bar – Window Bars
- Delta Grille – Retractable Window Grilles
- Delta Service – Service and Repairs
- Delta Load – Loading Bay Accessories
- Delta Garage – Garage Door

Please contact our sales team for more information on 01525 289322 or a brochure. Alternatively visit our web site [www.enerco.co.uk](http://www.enerco.co.uk)

We reserve the right to change the specification without prior notification or alteration of this product data sheet.