Specification Sheet Seceuroshield 3800 Security Shutter

SECEUROSHIELD 3800 R/I

CD38 Built - On Shutters

SLATS

Description	:	Seceuroshield 3800 is a double skin extruded aluminium non-vented slat.
Common use	:	High security domestic, commercial and office applications.
Dimensions	:	Nominally 38mm high x 9mm thick.
Weight	:	8kg per square metre.
Stock colours	:	White, brown or cream. Bottom slat - white, dark brown.

SHUTTERBOX

Construction :		Roll formed aluminium in two sections; top and bottom boxes.
	:	Bottom box removable for installation and maintenance and chamfered at 45°.
Box ends	:	The shutterbox is assembled on die cast aluminium endplates.
Box sizes	:	Clear opening height (to underside of box): 1535mm, box size 165mm 1820mm, box size 180mm 2595mm, box size 205mm

Stock colours : White, dark brown.

The 3800 shutters can be powder coated to alternative standard RAL or BS colours at extra cost and, should this be required, we would be pleased to prepare a quotation. For higher levels of security the H40/S guide rail offers an increased specification to the standard guide rail and incorporates wind locks. These guide rails are available at extra cost to the standard guide rails.

GUIDE RAILS - REF.: H30

Construction :		Extruded aluminium with an integral box section for reinforcement and to facilitate secure fixing.
	:	High density 5mm pile brush seals for quiet and smooth operation.
Dimensions	:	60mm wide x 24mm deep.
Stock Colours :		White, dark brown.

INSTALLATION

Guide Rails	:	3 fixings for guide rails up to 1000mm in length, 5 fixings for guide rails up to 2000mm in length etc.
Shutterbox	:	The shutterbox is fixed at each end and 1000mm centres if over 2000mm
Finishing :		External shutters require a silicone seal between the shutter and the wall along the top of the box and down the side of the guide rails.

SECURITY FEATURES

Standard shutters lock automatically at the top when fully lowered. The bottom section of the shutterbox is riveted after installation. The fixing screwheads are rendered unusable and are concealed behind cover caps. Optional 30 x 20 angle can be fixed on to the cill.

OPERATIONS FOR CD38 BUILT-ON SHUTTERS

The options priced are shown on your quotation which also shows the method of operation we have included. This list shows possible options which would incur different costs.

SWIVEL BELT WINDER - *for shutters up to 15kg*

The swivel winder coils the belt when it is pulled to open the shutter. The belt is 14mm wide and grey in colour. External shutters are supplied with a guide tube to protect the belt through the building wall.

GEARED BELT WINDER - *for shutters between 15kg and 25kg*

1:3 ratio with removable handle for belt operated shutters.

ROD CRANK OPERATION - *for shutters up to 25kg*

Incorporates a geared rod crank handle 1500mm long which hangs vertically and secures into a clip when not in use. The gear is installed in the box, the gear ratio varies with shutter weight.

SPRING LOADED

A counterbalance spring in the axle ensures controlled raising and lowering. An espagnolette keylock or shootbolts lock into the guide rails and are usually incorporated in the bottom slat. Final adjustment of the springloading after installation is always required.

ELECTRIC - *recommended on shutters above 25kg. (N.B. minimum shutter width 750mm)*

Electric operation is required on larger shutters due to the weight but is optional on smaller shutters.

OPERATION	:	By tubular motor inside the axle.
MOTORS	:	Draw 240 volts and 0.5 - 2.5 amps dependant upon the shutter size.
	:	Complete with integral limit switches and thermal cut-out to prevent overheating.
	:	Complete with 2 metres of cable for connection.
CONTROL	:	By momentary switch which must be held until the shutter reaches the desired position.

Provision of a 13 amp fused spur is required for installation. A manual override should be priced and ordered separately for shutters which are to be installed on exit doorways to permit operation in the event of a power failure.

Call **Samson Doors** for further details or specific pricing **(0800) 328 6250**

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