



New SecurityShield 60 - Spec Sheet

CD60 Built - On Shutters

SLATS

Description	:	CD60 is a double skin extruded aluminium non-vented slat.
Common use	:	High security on office, commercial and retail premises.
Dimensions	:	Nominally 55mm high x 14mm thick.
Weight	:	9kg per square metre.
Stock colours	:	White, brown. 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): 1595mm, box size 205mm 2750mm, box size 250mm 2900mm, box size 300mm
Stock colours	:	White, dark brown.

The CD60 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.

GUIDE RAILS - REF.: UPH 140 / UPH240 / UPH 250

Construction	:	Extruded aluminium with an integral box section for reinforcement and to facilitate fixing. High density 4mm or 7mm pile brush for quiet and smooth operation.
Dimensions	:	UPH 140 60mm wide x 27mm deep (205mm box only) UPH 240 75mm wide x 27mm deep (250mm or 300mm box) UPH 250 90mm wide x 34mm deep (250mm or 300mm box)
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 wide.
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.

OPERATIONS FOR CD60 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.

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

Electric operation is required on larger shutters due to 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.