

# Specification Sheet

## SECEUR VISION 8000

### CD800 Built - On Shutters

#### SLATS

<b>Description</b>	:	CD800 is a Single skin extruded aluminium slat.
<b>Common use</b>	:	A specialised security shutter designed for retail premises. Delivers see-through protection demanded by many local authorities for established high streets and modern shopping centres
<b>Vision</b>	:	150mm * 55mm Vision panel provides up to 65% vision. Optional glazing of 1.5mm polycarbonate.
<b>Dimensions</b>	:	Nominally 78.5mm high x 18mm thick.
<b>Weight</b>	:	9.25kg per square metre. (Solid or punched and glazed) 7.75Kg per square metre. (Punched only)
<b>Stock colours</b>	:	White, brown.

#### SHUTTERBOX

<b>Construction</b>	:	Roll formed aluminium in two sections; top and bottom boxes. : Bottom box removable for installation and maintenance and chamfered at 45°.
<b>Box ends</b>	:	The shutterbox is assembled on die cast aluminium endplates.
<b>Box sizes</b>	:	Clear opening height (to underside of box): 2150mm, box size 250mm 2900mm, box size 300mm
<b>Stock colours</b>	:	White, dark brown.

The CD800 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 250

<b>Construction</b>	:	Extruded aluminium with an integral box section for reinforcement and to facilitate fixing. : High density 4mm pile brush seals for quiet and smooth operation.
<b>Dimensions</b>	:	90mm wide x 34mm deep (UPH 250).
<b>Stock Colours</b>	:	White, dark brown.

#### INSTALLATION

<b>Guide Rails</b>	:	3 fixings for guide rails up to 1000mm in length, 5 fixings for guide rails up to 2000mm in length etc.
<b>Shutterbox</b>	:	The shutterbox is fixed at each end and 1000mm centres if over 2000mm wide.
<b>Finishing</b>	:	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 CD800 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.

<b>OPERATION</b>	:	By tubular motor inside the axle.
<b>MOTORS</b>	:	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.
<b>CONTROL</b>	:	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.