

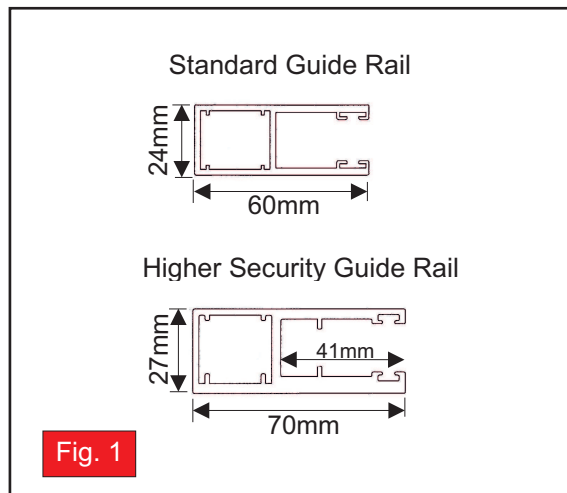
Sentry 38 roller shutter

General

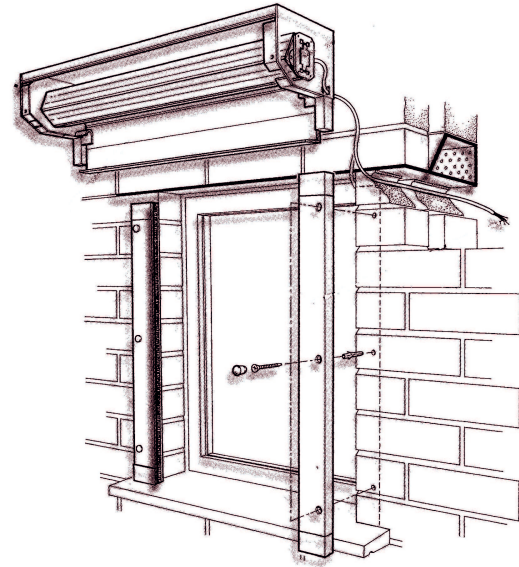
Designed for higher security domestic, medium security office/commercial use. Manufactured in corrosion-resistant aluminium the slats can be mixed with Sentry 38v punched slat for partial vision and powder coated to coordinate with the appearance of any building, the shutters utilise a compact roller-box design to minimise the visual impact while allowing easy use by individual manual operation, electrically-powered operation or group control from a single switch. A popular profile for a neat finish.

Guide channels

- Constructed from extruded aluminium with brush pile for quiet, smooth operation. The guide rail is strengthened by box section which also provides a separate fixing position and allows the shutter box to locate into. Size varies with the shutter size and security level. For locations with high security risk or high wind loading a wind-lock guide is available.



General Arrangement



Standard Coiled (internal fit)	Reverse Coiled (external fit)	Head Plate Size (mm)
1.6m	1.6m	165 x 165
1.9m	1.9m	180 x 180
3m	3m	205 x 205
5m	5m	250 x 250

Shutter Box

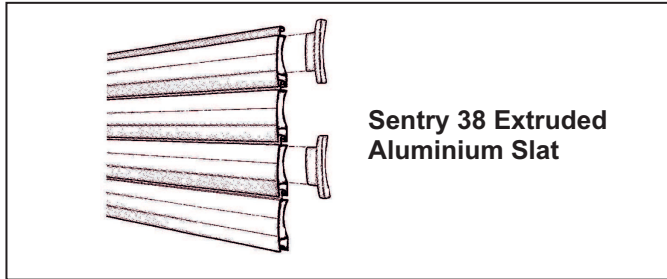
- The shutter coil is completely encased in a two piece, roll formed aluminium box, available in a range of sizes according to the shutter height. The box is styled with a 45degree chamfer to minimize the visual impact. On large electric operation shutters which require manual override, the box extends beyond the width of the guide to accommodate the override mechanism on the drive side.



Sentry 75 roller shutter

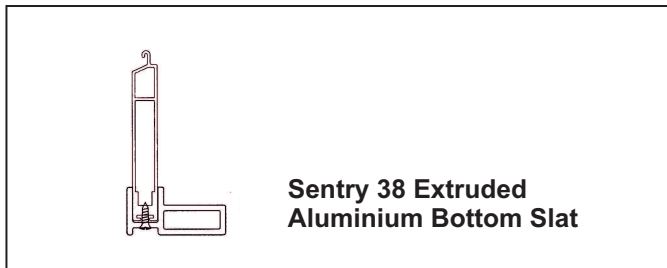
Curtain

- Strong 38mm extruded aluminium profile.
- Span width of up to 4000mm
- Nominally 38mm high x 9mm thick.
- 8kg per square metre.
- Can be mixed with punched slats to allow for up to 45% vision.
- Can be mixed with perforated slats to allow for up to 17% vision.



Bottom Slat

- Extruded aluminium bottom slat with reinforced box section angle.



Locks -Electric

- Electric shutters lock via the top slat locating into the corner of the shutter box, However bullet locks are available as an optional extra if required.
- Optional isolator box is highly recommended if bullet locks are fitted.
- Optional bullet locks are fitted 345mm from the base of the shutter, two keys per bullet lock supplied.

Axle

- Galvanised Steel axle.
- For safety the dummy end of the axle is fixed rigidly to the axle.
- Anti-fall back devices are required for shutters installed over doorways when the shutter curtain exceeds 26.5kg.

Motor & Controls

- Single phase tubular motor. (not suitable for continuous use).
- Surface mount internal switch supplied as standard.
- Key-switches available at a surcharge.
- Manual override supplied as standard on doorways.(hook and eye as standard with 1100mm crook)
- Battery back ups are available at a surcharge.
- Remote control receiver and hand fobs available at a surcharge.

Manual Operation (spring loaded)

- A counter balance spring in the axle ensure controlled raising and lowering. An espagnolette key lock or shoot bolts lock into the guides' rails and are incorporated in the bottom slat.
- A second spring is supplied within the axle as an anti-fall back device when required.

Other Operation

- 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.
- Geared Belt Winder: for shutters between 15kg and 25kg. A 1:3 ratio winder with removable handle.
- Rod Crank: 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 shutter box and the gear ratio varies with the shutters weight.

Finish

- The Sentry 38 is pre-powder coated White RAL9010 or Brown RAL8014 as standard.
- The Sentry 38 can be powder coated to alternative standard RAL or BS colours at additional cost.

