

# ALUROLL

## Security Shutter Solutions



Style, Security & Engineering



THE ULTIMATE ROLLER SHUTTER SYSTEM

# Roller Shutter Technology

Aluroll offers a stylish security solution to all types of property.

- Security against vandalism
- Security against intruders
- Heat and sound insulation
- Range of colour coatings
- Precision manufactured
- Manual or electric operation

## Applications

Aluroll roller shutters are suitable for a variety of window and door applications, including schools, hospitals, shops, miscellaneous commercial premises and private housing.

## General Description

The roller shutter comprises of a curtain, made up of individual interlocking laths, which runs vertically between guides fitted to the sides of the opening. The curtain retracts into a full enclosure mounted above the guides. The unit is self-locking with a choice of manual or electric operation. When fully lowered, shutters are locked within their guides. Vision profile and vented light slots may be incorporated.

Aluroll's product portfolio includes alternative shutter fixing options.

- Built-in shutters offer security with the added benefit of being unobtrusive; installed during construction, the shutter box and guides can be built-in to the window frame or lintel.
- Built-on shutters are installed on the exterior or interior of buildings running within guides.

## Composition, manufacture

The box and guide channels are manufactured from extruded aluminium. The traditional square box shape (with 45° bevel) has been complimented by the introduction of circular housing and guides to ensure quality aesthetics.

The curtains are of insulated foam-filled or extruded aluminium, dependent on span and application.

## Appearance

Standard colours are complimented by the facility to powder coat materials to specific RAL colours to ensure quality aesthetics.

## Operation

Electric or Manual.

All electric shutters are supplied with the Somfy Inis Uno single pole switch as standard. Key switch and remote control operation is available as an optional extra, as is a manual override facility.

Manual shutters can be cord, spring and lock or rod crank operation.



## M411 Security Shutter

### CURTAIN SLAT

Aluminium double skinned polyester powder coated slat with polyurethane foam insulating core. Vented or non-vented options.

Profile Height	49.7mm
Weight per m <sup>2</sup>	3.5kg
Maximum Width	3800mm
Maximum Surface	8m <sup>2</sup>

### APPEARANCE

Standard colours: White, Brown, and Beige.

### ENCLOSURE

Manufactured from roll formed aluminium with a stove-enamelled finish. End caps are pressure moulded aluminium alloy.

Enclosure Height (mm)	Guide Length (up to mm)
150	1400
165	1600
205	2400
250	3000

### APPEARANCE

Standard colours: White and Brown.

### GUIDE CHANNELS / BOTTOM SLATS

Extruded aluminium with weather seal. Circular guides can be incorporated as an optional extra. 53mm-68mm depths available as standard.

### APPEARANCE

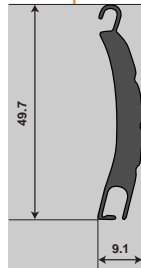
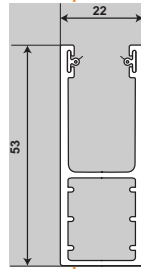
Standard colours: White and Brown.

### APPLICATIONS

Low security domestic and commercial buildings. In addition to security against intrusion, the profile offers protection against sunlight and heat and sound insulation.

### OPERATION

Manual or Electric.



## T77 Security Shutter

### CURTAIN SLAT

Aluminium double skinned polyester powder coated slat with polyurethane foam insulating core. Vented or non-vented options.

Profile Height	86mm
Weight per m <sup>2</sup>	5.5kg
Maximum Width	5500mm
Maximum Surface	16m <sup>2</sup>

### APPEARANCE

Standard colours: White, Brown, Beige, Red, Green, Black, Grey & Wood Effect

### ENCLOSURE

Manufactured from roll formed aluminium with a stove-enamelled finish. End caps are pressure moulded aluminium alloy.

Enclosure Height (mm)	Guide Length (up to mm)
250	1900
300	3000
360	4000

### APPEARANCE

Powder coated in white or brown as standard.

### GUIDE CHANNELS / BOTTOM SLATS

Extruded aluminium with weather seal or brush. Circular guides can be incorporated as an optional extra. 53mm-68mm depths available as standard.

### APPEARANCE

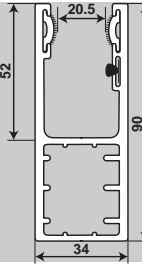
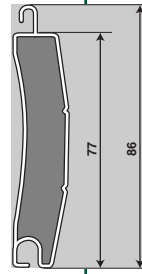
Powder coated in white or brown as standard.

### APPLICATIONS

Traditionally utilised in domestic garage door applications, the T77 profile also offers medium security for domestic and commercial buildings. In addition to security against intrusion, the profile offers protection against sunlight and heat and sound insulation.

### OPERATION

Manual or Electric.



## E37 Security Shutter

### CURTAIN SLAT

Double skinned extruded aluminium.

Profile Height	45mm
Weight per m <sup>2</sup>	7.3kg
Maximum Width	3500mm
Maximum Surface	8.5m <sup>2</sup>

### APPEARANCE

Powder coated in a range of RAL colours to maintain building aesthetics.

### ENCLOSURE

Manufactured from roll formed aluminium with a stove-enamelled finish. End caps are pressure moulded aluminium alloy.

Enclosure Height (mm)	Guide Length (up to mm)
150	1400
165	1900
180	2400
205	2800

### APPEARANCE

Powder coated any standard RAL to match the shutter finish.

### GUIDE CHANNELS / BOTTOM SLATS

Extruded aluminium with weather seal. Circular guides can be incorporated as an optional extra.

### APPEARANCE

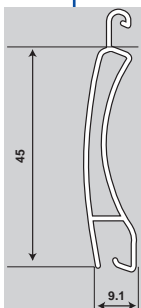
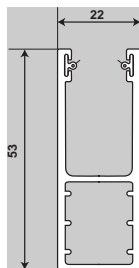
Powder coated to match the shutter finish.

### APPLICATIONS

High security domestic use and medium security commercial offices and shopfronts.

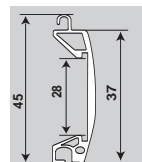
### OPERATION

Manual or Electric.

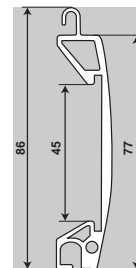


## Vision Profile V37-V77

Aluroll shutters offer security for a variety of applications. Product development is ongoing and Aluroll has complemented its range of standard shutters with "vision profile" slats to meet the demands of many local authorities for see through protection. 37mm-77mm Vision slats available to mix and match with solid profiles as required.



V37

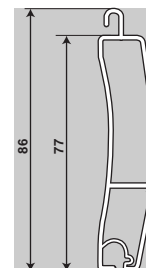


V77

## Heavy Duty E77 Shutter

The E77 slat is a high security option that can be utilised for a maximum surface area up to 25m<sup>2</sup>.

Enclosure/Guide Rail detail is identical to the T77 option.



E77