



ALU-12E77 HIGH SECURITY ALUMINIUM SHUTTER

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PRODUCT DESCRIPTION

The ALU-12E77, is our most secure aluminium shutter. For a surcharge this product can be upgraded to achieve a higher security rating - Secured by Design LPS1175 SR2 (see accreditations explained on our website). It can also come perforated or punched (see our Vision range) if required.

Comes in white or brown as standard, but can be powder coated a number of colours for a surcharge.

IDEAL USES

You would generally see this used in:

- Offices
- Bars
- Display areas
- Shop fronts
- Domestic properties
- Garage doors
- Larger openings with low headroom

KEY FEATURES

- Offers medium to high security
- More lightweight than a steel shutter meaning less strain will be caused on the motor when operating.
- Powder coated White or Brown as standard, but can be powder coated to any standard RAL/BS colour.
- Maximum width: 6500mm
- Maximum surface: 25m²

TECHNICAL SPECIFICATIONS

Applications

High security commercial sites & shop front applications, up to 25M2. Note: can be upgraded to insurance approved "Secure by Design" status - LPS1175 SR2.

Punched (ALU-12PU) or Perforated (ALU-12PE) profile slats can be incorporated as required for full or partial vision for an additional charge.

Curtain Slat

Double-skinned extruded aluminium.

Standard colours: White or Brown.

Blind Surface: 77mm

Weight per m2: 8.5kg

Maximum Width: 6500mm

Maximum surface: 25m2

Each slat has a U-value of 1.5 W/m2K.

Enclosure

Manufactured from roll formed aluminium with a stove-enamelled finish.

End caps are pressure moulded aluminium alloy.

Standard colours : White, or Brown. Other colours available on request.

Guide Channels / Bottom Slat

Extruded aluminium with weather seal.

Guide channels depth is 70mm, 90mm or 150mm.

Finish

Standard colours are White or Brown, other colours available on request.

Operation

Electric: Single phase tubular motor with wall switch as standard. Numerous options such as group or remote control etc. Manual override facility as required.

Note: Manual operation is available but not common as it is utilised for larger areas in most cases.

OPTIONS AND VARIATIONS

Operation/Controls

Electric

(Not all options are available on all size shutters)

Key switch

Radio/remote Control

Rocker switch

Timer closing

Loop and Radar operation

Smart phone

Swipe Card activation

Manual

Spring and lock operation (for smaller shutters)

Hand chain operation for larger shutters

Lath Design

A number of lath designs are available. We offer a 37mm version for smaller openings and where a smaller headbox can be achieved. The lath can also come perforated or punched with polycarbonate infills if needed.

Finishes

Can be Polyester powder coated or plastisol coated in a range of standard RAL colours' for an extra charge.

Accreditations

All of our security shutters guarantee a high level of security against vandalism and theft. However, for an extra charge you can have one of our shutters with a distinct security or fire rating accreditation

including SBD (Secured by Design) or LPS1175 security rated levels 1-2.

ILLUSTRATIONS



ALU-12E7

Applications

High security commercial sites & shopfront applications, up to 25M².
 Note: Can be upgraded to insurance approved 'Secure by Design' status - LPS 1173 SRZ.

Punched (ALU-12PU) or Perforated (ALU-12PE) profile sites can be incorporated as required for full or partial vision. The ALU-12PU can have polycarbonate inserts to fill the punched section.

Curtain Slat

Double-skinned extruded aluminium.

Standard colours: White or Brown.

Blind Surface: 77mm

Weight per m² 8.5kg

Maximum Width 6500mm

Maximum Surface 25m²

Enclosure

Manufactured from roll formed aluminium with a stove-enamelled finish.

End caps are pressure moulded aluminium alloy.

Standard colours: White or Brown. Other colours available on request.

Shutter Height Box Size (mm) (up to mm)

2700	300
4000	380
5000	400

Guide Channels / Bottom Slat

Extruded aluminium with weather seal.

Guide channels depth is 90mm, 70mm or 150mm.

Standard colours: White or Brown. Other colours available on request.

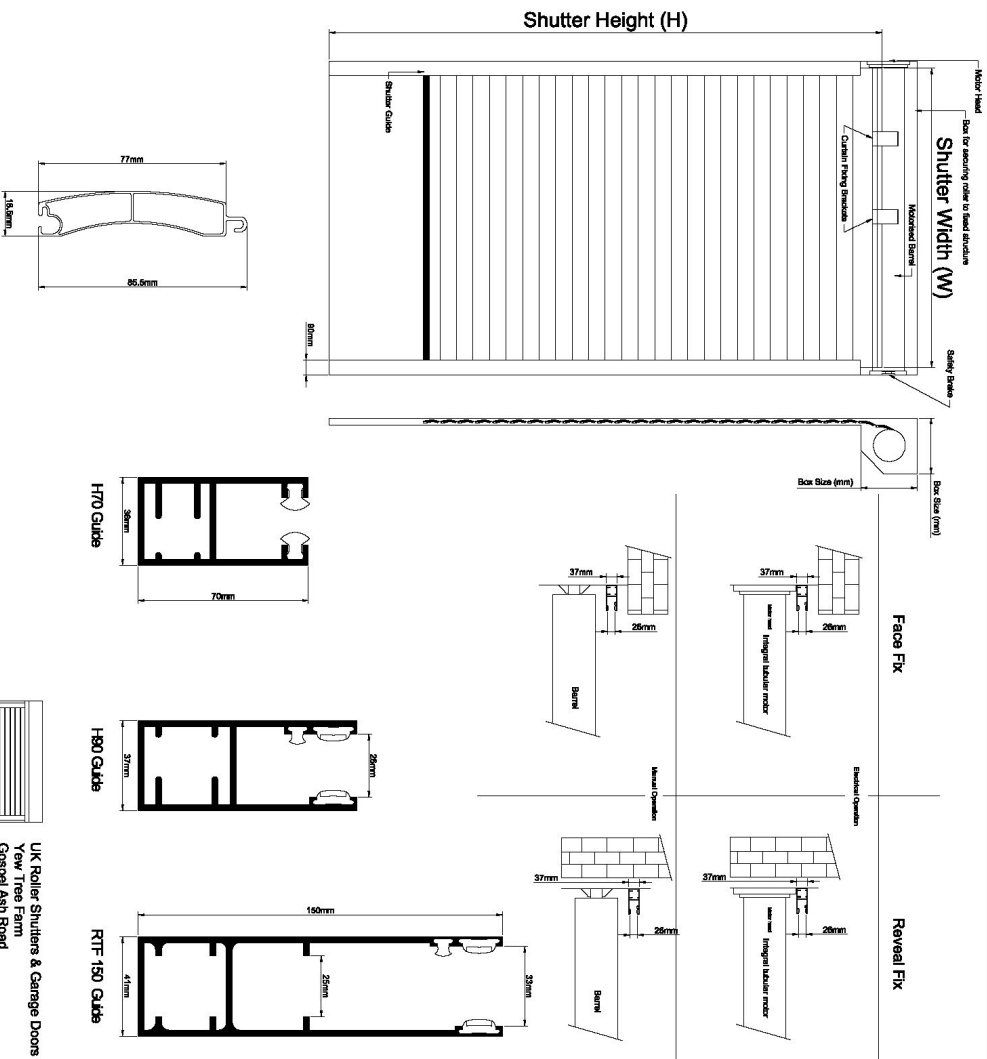
Operation

Electric: Single phase tubular motor & wall switch as standard.

Numerous options such as group or remote control etc.

Manual override facility as required.

Note: Manual operation is available but not common for the ALUPSHut-19, ALU-12PU & ALU-12PE profiles as they are utilised for larger areas in most cases.



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