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Ra2 Lightweight Aluminium Roller Shutter



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Lightweight Aluminium - RA2



Key Benefits

- Domestic, Bars and Serveries
- Lightweight Aluminium Roller Shutter
- Solid Insulated Laths
- Low to Medium Security
- Aluminium
- Manual and Electric Operation
- Standard Finish - White, Brown or Cream
- 2 week lead time (Subject to change)

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Product Overview

Description

Very popular on Domestic properties for insulation and shading. Ideal for bars and serveries, as its lightweight and offers a barrier when security is not a priority.

Common use

Domestic Windows and Doors, Bars and Serveries

Maximum Width *(Depending on Height)*

3400mm

Maximum Height *(Depending on Width)*

4000mm

Weight

4.5kgs m/2

Standard Finish

Curtain:- White, Brown, Cream, Cedar Woodgrain

Box and Guides:- White, Brown or Cream

Lead Time

10 working days (subject to change)

Specification

Construction

All Aluminum Construction

Laths

The Ra2 uses a foam filled, twin walled extruded aluminium lath.



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Specification

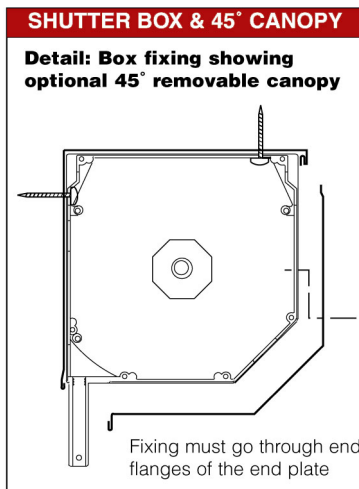
BOX SPECIFICATION

Die cast Aluminium end plates with two piece roll formed Aluminium casing

Box Sizes

Clear opening height (to underside of box)

- 1699 mm - 165 mm box
- 2099 mm - 180 mm box
- 2899 mm - 205 mm box
- 4000 mm - 250 mm box



GUIDE RAIL SPECIFICATION

H25 Extruded Aluminium Guides with an integral box section for reinforcement and to facilitate fixing. High density 5mm pile brush seals for quiet and smooth operation.



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Operation

The RA2 is available both manually and electrically operated using a tubular motor inside the barrel. 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.

SWIVEL BELT WINDER - for shutters up to 15kg

This type of operation is used when the roller shutter is fitted on the outside of the property and is lowered/raised using the Swivel Belt Winder from the inside. The grey belt is pulled up and down to lower and raise the shutter. The swivel winder coils the belt when it is pulled to open the shutter. The belt is 14mm wide and grey in colour and a guide tube to protect the belt through the building wall. The shutter locks by using the locking spring which connects the curtain to the barrel and lock out in the back of the shutter box.

GEARED BELT WINDER - for shutters between 15kg and 25kg

This is the same as the Swivel Belt Winder but uses a crank handle to raise and lower the shutter. The Geared Winder works at 1:3 ratio with removable handle. The shutter locks by using the locking spring which connects the curtain to the barrel and lock out in the back of the shutter box.

ROD CRANK OPERATION - for shutters up to 25kg

This type of operation is usually on windows where the shutter is external and is operated internally using a geared rod crank handle which hangs vertically and secures into a clip when not in use. The shutter is lowered and raised by turning the handle in a clockwise or anti clockwise direction. The shutter locks by using the locking spring which connects the curtain to the barrel and lock out in the back of the shutter box.

SPRING LOADED

Roller Shutters usually installed mainly over doorways or Services are raised up and down by lifting and lowering the curtain by hand. The roller shutter has a spring in the barrel which helps lifting the shutter. As standard a central bottom lath lock is provided which has a key in the bottom lath and bolts shoot into the guide rails at each side. The Bottom lath lock can be operated from both sides but has a secure and non-secure side to the lock. Optional bullet locks are available which are pins that go through the guide rails each side.

ELECTRIC - (N.B. minimum shutter width 750mm)

Electric shutters are usually fitted on larger openings where Manual Operation is not suitable or where the operator requires an easy, clean and user friendly type of operation. Single phase tubular motors are enclosed within the barrel giving full protection from the elements. Electric Roller Shutters can be controlled individually or grouped to one controller. The controllers available include internal rocker switch, security key switch or Remote Control. Manual overrides are available on Electric Roller Shutters which allow the shutter to be operated when the power to the shutter has failed.

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Colours

STANDARD COLOURS



BAND A COLOURS



BAND B COLOURS



BAND C COLOURS



Please note the colours illustrated will not be an exact match and are intended as a guide only