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Slimline Aluminium Shutter

The Slimline Aluminium Shutter was purposely designed to meet the requirements for the retail, hospitality, tourism, education and club markets to offer exceptional functionality, and strong with aesthetic appeal.

The Slimline Aluminium Shutter is designed and specified for use in fire hose reel cup-boards, counter tops, bar tops and doorways.

The Slimline Aluminium Shutter is easy to operate and requires minimal maintenance. The Roller Shutter can be manually operated or motorised depending on the purpose or function.

The Slimline Aluminium Shutter is a manufactured 45mm x 1.5mm aluminium extruded slat designed to suit openings up to 2.4 metres high and up to 3.6 metres wide for manual operation.

Features

- Strong
- Easily installed
- Robust



Curtain

Constructed of 45mm x 1.5mm extruded aluminium slats and bottom rail joined together by nylon end clips. Nylon end clips are fitted to alternate slats to prevent lateral movement and provide smooth operation and long life performance free from lubrication.

For motorised operation a maximum measurement of 2000 mm high x 3000 mm wide.

An optional slotting is available to any number of slats. Vision panels can be slotted for ventilation or clear acrylic infills can be fitted to the slotted slats providing a dust seal.

Side Guides

50mm x 33mm extruded aluminium with false back for concealed fixings. Optional Nylofelt Buffer is also available.

Locking

Locking shall be centrally mounted, Two Way Mortise Key Lock or Sliding Shoot Bolt Locking mounted within the bottom rail (it can be inside or outside locking). Optional waist high locking is also available.

If motorised, the standard application is to allow for one key switch (to be installed by others).

Bottom Rail

Made from 90mm x 48mm extruded aluminium section incorporating locking device and concealed locking rods (for manual operation). An optional PVC Buffer is also available.

Brackets

Manufactured from 90mm x 40mm mild steel.

Roller Drum

Manufactured from 203mm or 229mm diameter spiral ducted tube attached to self lubrication drum wheels and bearings rotating on a 34mm diameter steel shaft (for manual operation).

The shaft shall be fitted with helical springs designed to counterbalance the curtain weight throughout its operation. The drum shall be designed to give minimum deflection over the span.

For motorised operation, the spiral weld is 229mm diameter and 38mm diameter steel shaft.

Mullions

Made from 33mm x 120mm wide for inline two panel doors. For less than 180 degree angle, shall be two piece extruded aluminium section that can be set to any angle and can be applied for wide openings and multiple door installations. Mullions shall be "lift out type" with shoot bolts to base.

Special wide mullions are available and fabricated from aluminium sheet and used when two curtains meet an angle and no room is available for high stacking (please refer mullion details).

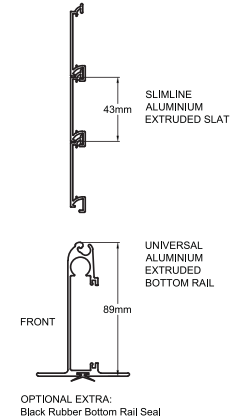
Operation

Slimline Aluminium Shutter is designed for manual hand operation as standard or motorisation or chain is optional as required.

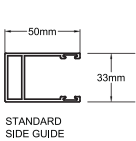
Finish

Slimline Aluminium Shutter is available in anodised finish and powder coated colours.

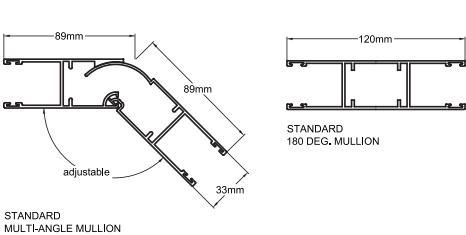
Curtain Details



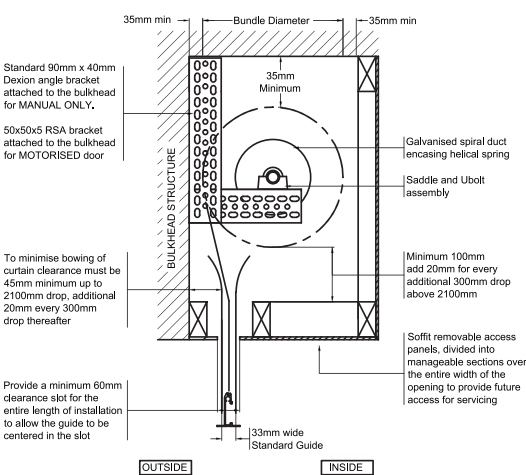
Guide Details



Mullion Details



Bulkhead Details



Bundle Diameter

Manual Door	Drop	1200	1500	1800	2100	2400	2700	3000	3300	3600
	Bundle	270	280	290	290	300	310	310	320	330
Motorised Door	Drop	1200	1500	1800	2100	2400	2700	3000	3300	3600
	Bundle	300	300	310	320	320	330	340	340	350

Steel-Line reserves the right to change specifications at any time without notice.