



SC2 Aluminium Roller Shutter

FEATURES

- STRONG
- EASILY INSTALLED
- ROBUST

The SC2 Aluminium Roller 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 SC2 Aluminium Roller 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 SC2 Aluminium Roller Shutter features a large range of options. It features an extended aluminium slat with a bevelled external face for aesthetic appeal. This is available in part or full slotted with or without dust proof infills that assist in airflow and visibility.

Application

From shopfronts, doorways, bottle shops, bar tops, counter tops, sports complexes, arcades and clubs with opening size up to 3.6 metres high and 3.0 metres wide for hand operation. For motorised operation a maximum measurement of 4.0 metres high x 5.5 metres wide.

Curtain

The SC2 Aluminium Roller Shutter is constructed from extruded aluminium slats with a face depth of 75mm x 1.5mm thick 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 free from lubrication.

An optional slotting of 100mm x 25mm 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 fixing. 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 230mm 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).

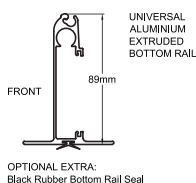
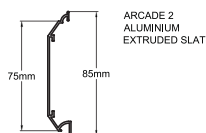
Operation

The SC2 Aluminium Roller Shutter is designed for manual hand operation as standard or motorisation or chain is optional as required.

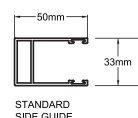
Finish

The SC2 Aluminium Roller Shutter is available in anodised finish and powder coated colours.

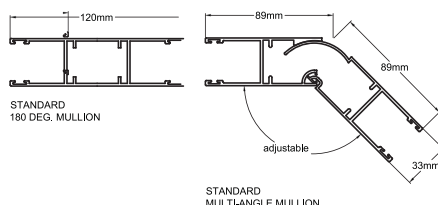
Curtain Details



Guide Details



Mullion Details



Bulkhead Details

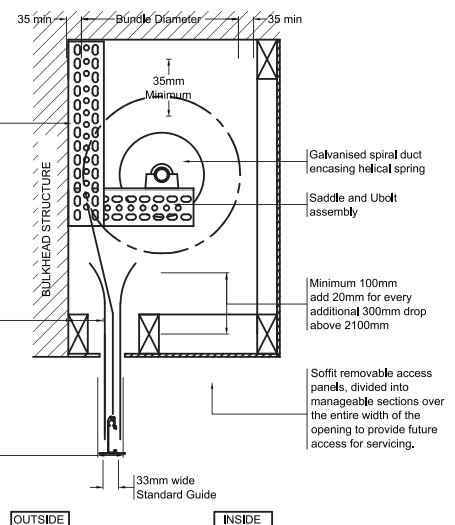
Standard 90mm x 40mm

Deflexion angle bracket attached to the bulkhead for MANUAL ONLY.

50x50x5 RSA bracket attached to the bulkhead for MOTORIZED door.

To minimise bowing of curtain clearance must be 45mm minimum up to 2100mm drop, additional 20mm every 300mm drop thereafter.

Provide a minimum 60mm clearance slot for the entire length of installation to allow the guide to be centered in the slot



Bundle Diameter

Manual Door	Drop	1200	1500	1800	2100	2400	2700	3000	3300	3600
203mm Drum	Bundle	290	300	310	320	330	340	350	360	370
Motorised Door	Drop	1200	1500	1800	2100	2400	2700	3000	3300	3600
229mm Drum	Bundle	315	325	335	345	355	365	375	385	400

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