The SC2 Aluminium Roller Shutter was purposely designed to meet the requirements for the retail, hospitality, tourism, education and club markets to offer exceptional protection, strong functional security 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 slitting 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.

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