

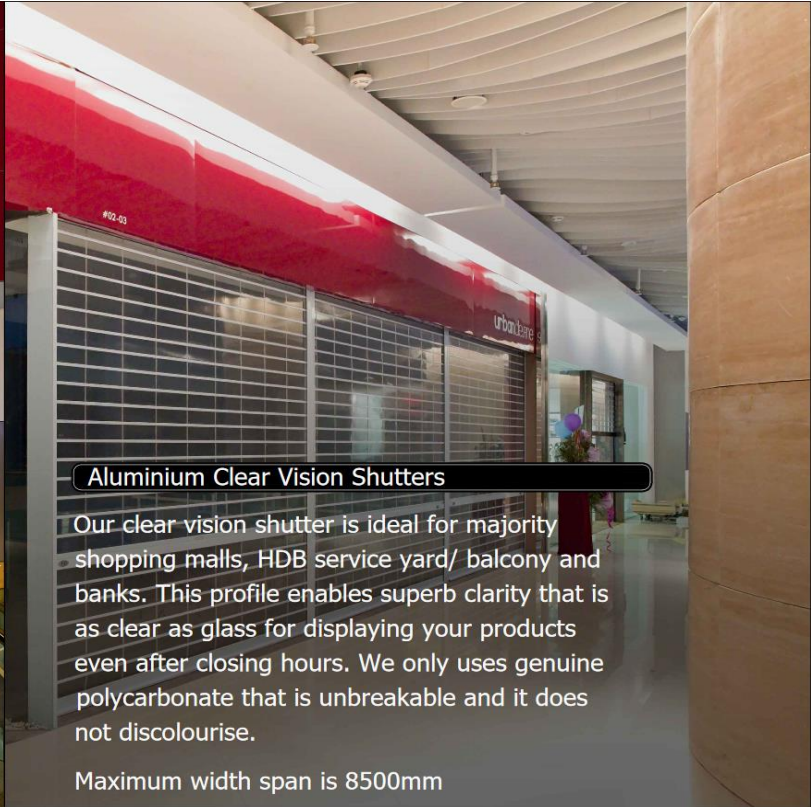
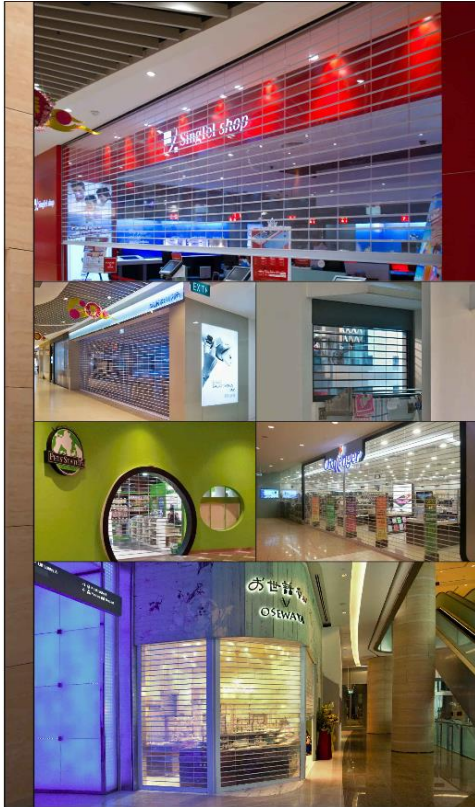
# Product Specification



TEL: 6382 2621 FAX: 6281 3496  
NO 34 LOYANG CRESCENT SINGAPORE 508993

### Main Components

- a) **Shutter Operator (Motor)**  
Shutter operator is equipped with built-in limit switch, built-in thermal protector, built-in brake release system, manual hand chain, and one unit of 3-ways push button switch with cylinder push button box. In the event of power failure, the shutter can be operated manually by pulling the hand chain. The power source is single phase 230V or 3-Phase 415V, 50Hz.
- b) **Manual Hand Chain**  
The hand chain is provided to manually operate the roller shutter curtains in times of power or motor failure. It consists of a gear reduction chain block and built-in brake release system.
- c) **Shutter Curtain**  
They are formed by interlocking of aluminium strip which can be powder coated with clear UV protected polycarbonate panels (300x87) mm.
- d) **Bottom Bar**  
The bottom bar is extruded aluminium T bottom bar.
- e) **Side Guides**  
They were a box of overall nominal dimensions 80x75mm with a lipped opening for the curtain slats. They were fabricated from two folded sections of nominally 2.3mm thick electro-galvanized sheet.
- f) **Roller Barrel**  
It consists of a heavy-duty steel tube. The drive assembly is made up of steel circular plates fitted to the steel shaft with bearings supported at both ends.
- g) **Shutter Hood**  
The frame is fabricated from steel sections with 0.7mm electro-galvanized steel sheet cover. It conceals the shaft assembly.
- h) **Operating System**  
Motorized roller shutter can be operated by using the push button, which is located approximately 1.5metres above floor level without counter balance system.



### Aluminium Clear Vision Shutters

Our clear vision shutter is ideal for majority shopping malls, HDB service yard/ balcony and banks. This profile enables superb clarity that is as clear as glass for displaying your products even after closing hours. We only uses genuine polycarbonate that is unbreakable and it does not discolourise.

Maximum width span is 8500mm

