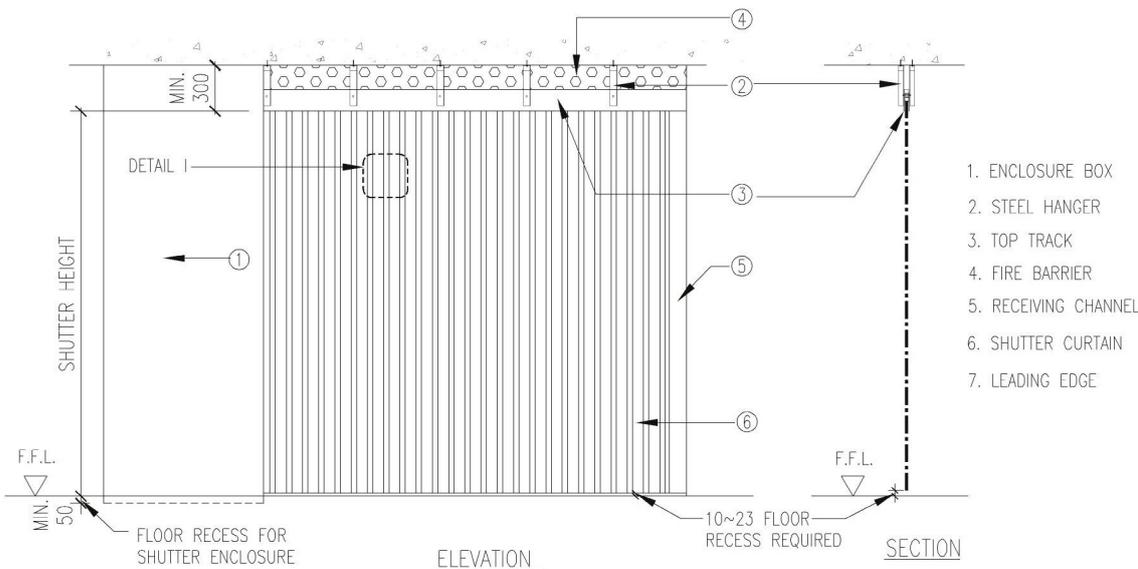




These are top hung and laterally sliding operable barriers that provide 4 hour fire protection when activated to close.

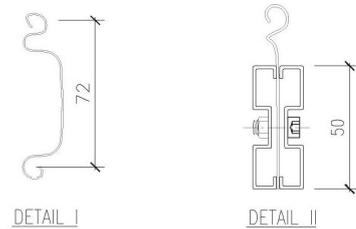
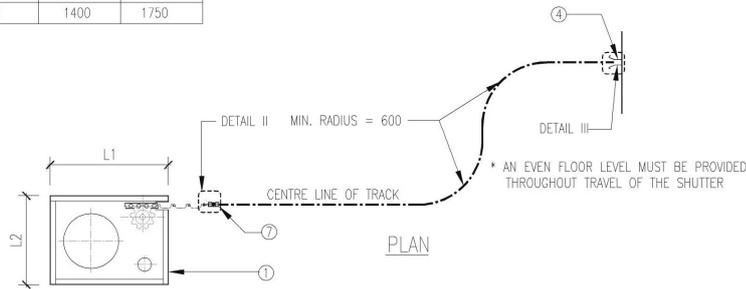
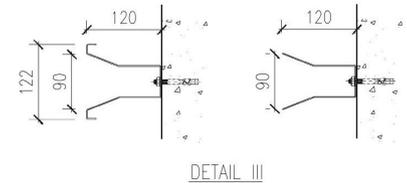
- 4 hour fire rating. Complies with BS 476 Pt 22, SS 489 and complies with Civil Defense requirements.
- No bottom track required.
- Made from heavy duty galvanized steel with an optional powder coating finish.
- Single and double skin slat design depending on size and application.
- **Activation:** Fire alarm signal and/or connection to heat/smoke detectors.
- Suited for locations with large widths, low headroom availability or to reduce load on structural members.
- Maximum sizes can go up to 40m in width and 7m in height. Contact us for up to date information.





DIMENSIONS OF ENCLOSURE (L1 & L2)

SHUTTER WIDTH	L1 (mm)	L2 (mm)
10	800	1100
20	1200	1450
30	1100	1550
40	1400	1750



Single Skin Curtain Slat

The shutter curtain is made of 72mm pitch galvanized steel roll formed slats that are interlocked with each other. The ends are cut off to lock axial movement of the slats.

Top Track

Shall be fabricated steel channels that are fixed to the soffit and fire rated if required.

Receiver Channel

Fabricated from steel channels with adequate depth, screwed to the wall / concealed.

Shutter Box

The shutter box is made out of two heavy duty steel endplates of thickness joined together using steel hollow sections. Sizes determined by matrix in the drawing above.

Barrel

The barrel is made of a heavy duty seamless steel pipe, welded with axles according to the size of the shutter. This barrel is fixed to the right and left endplates with heavy duty

sealed roller bearings.

Operation

Provide power point at location within one metre from the shutter motor. The motor, driving gears, limit switches and control mechanism must be accessible for servicing. An isolating switch needs to be provided at the shutter location. A push button box with open, close and stop functions shall be provided at two locations on either side of the shutter.

Standard Activation

Fire Alarm Signal—24V DC, 400mA fire alarm signal.

M & E Requirements

1 phase, 230V, 50Hz, 13A / 3 phase, 415V, 50Hz, 20A power supply at shutter box location. 24V DC, 400mA, normally open fire alarm signal at fire shutter's shutter box location. Where a voltage free fire alarm signal is used, a fire alarm signal conversion panel will be provided as needed.