FR4H-INS 4 Hr Radiation Shielding Fire Roller Shutter

Test: LPC TE88517 / BRE 220737

Integrity: 240 minutes

Irradiance: 2.7kW/m²

Maximum: Surface Area: 50m²

Shutter Curtain
Manufactured from pre-galvanised material, designed to provide a hollow section panel with fibre infill. Each section is 100mm profile with twin ribbed face for rigidity.

The curtain, when assembled is held in position with purposely designed end fittings, which act as a curtain alignment system. The bottom panel of the shutter is terminated with a galvanised steel plate with horizontal and vertical slots.

Barrel
Manufactured from seamless mild steel tube to BS4760 Grade 50C. Maximum barrel deflection measured at 1:400, fitted with precision-machined BDMS axles to BS970 EN33 with end fitted plate wheel.

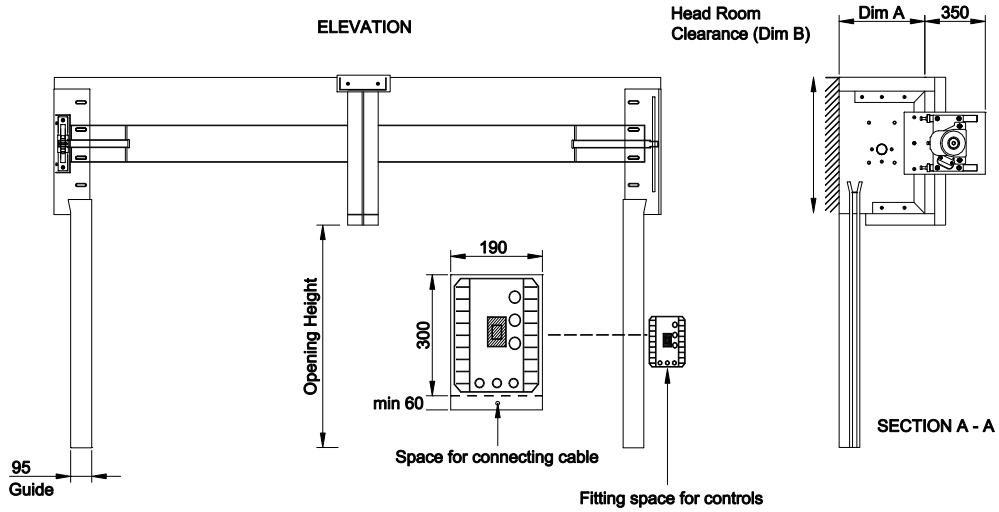
Main Support Brackets
Main support plates for the barrel and motor unit manufactured from mild steel. Support plates to BS 4360/43A with perimeter welded angles and structure support angles.

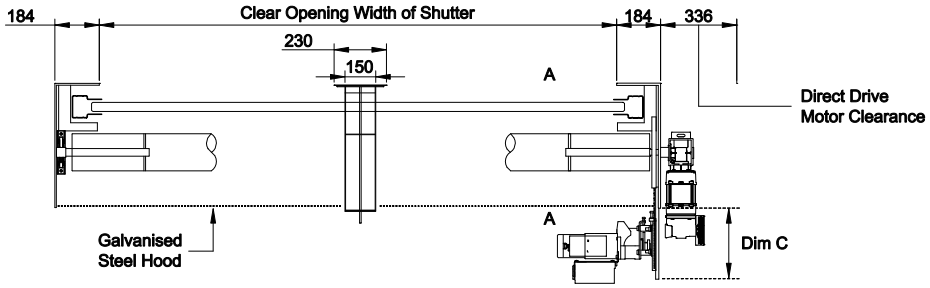
Vertical Side Guides
Formed from pre-galvanised material having a minimum thickness of 2.5mm. The door guide is designed to allow reduced working face and tapered inner faces to provide automatic interlock / retaining feature.

Operation
The door is arranged for an electric motor unit with fusible link or solenoid release unit complete with built on starter.

FR4H-INS is an insulated curtain which is able to keep its unexposed face surface radiation below 20kW/m² when applied to the time temperature curve of BS 476 Part 20: 1987

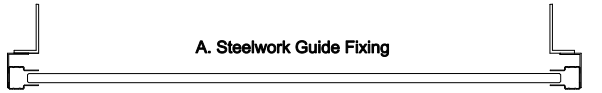
Sound Reduction
The FR4H-INS roller shutter has a weighted sound reduction value of 18dB (BS 5821 Part3: 1984).

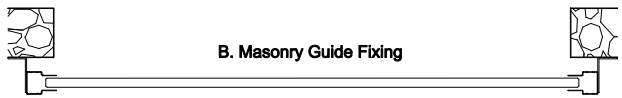




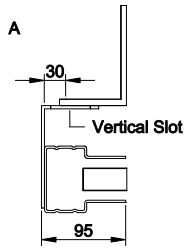
WIDTH	HEIGHT	Dim A	Dim B	Dim C
2500	2500	450	595 *	350
3000	3000	500	645 *	350
4000	4000	500	645 *	350
5000	5000	550	695 •	350
6000	6000	600	745 •	350
7000	7000	650	795 •	350

Motor Controlled Desent *
Direct Drive Power to Close •

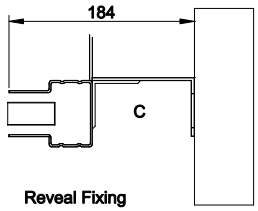


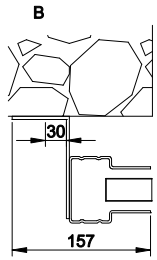


All Dimensions in mm



FIXING DETAILS





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