

FIRE RATED ROLLER SHUTTERS



Custom-made to suit your requirements



ATTENBOROUGH

THE UK'S PREMIER DOOR MANUFACTURER AND INSTALLER

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FIRE RATED ROLLER SHUTTERS

SPECIFICATIONS

UP TO 4HRS FIRE PROTECTION

Attenborough Face Fixed Fire Resisting Roller Shutters have been successfully tested for 4 Hours Resistance in accordance with BS476: Part 22: 1987 (Method 8) at the Warrington Fire Research Centre (Test Report No : WARRES 48294 and LPCB Certificate No 145B) assessed to maximum sizes of 7000mm wide and 7000mm high (report No CC88666).

Shutter Curtain Constructed from 75mm deep scrolled, interlocking, galvanised steel laths with cast iron endlocks fitted to each alternate lath.

Bottom Rail From inverted rolled "T" section fabricated angles.

Channel Guides Fabricated from rolled steel sections incorporating a mild steel support angle with fusible washers provided for all expansion slots.

Roller Barrel Fabricated from mild steel tube in varying size and thickness to suit the size of the door. The barrel is suspended between steel endplates fitted with shaft supports.

Hood The barrel mechanism is enclosed by a galvanised steel hood with support brackets as required, there is also a smoke trap angle fitted at the opening height between the shutter and lintel.

Finish All non-galvanised parts painted single coat primer.

Manual Operation By means of a controlled descent gearbox with a solenoid release unit operated by either a fusible link or linked direct to the alarm system (requires a 24 volt dc 5 amp pulse), the gearbox incorporates a manual hand chain facility to open the shutter once it has operated in fire alarm mode and a manual re set facility on the solenoid.

Electric Operation By means of a high quality single or three-phase controlled descent operator. All controls are low voltage and have 3 push buttons (open, close and stop) as standard. Emergency manual over-ride is provided to allow operation of the door in the event of power failure. Shutter operation in case of a fire can be by either a fusible link or fire alarm signal (24 volt dc 5 amp pulse required) connected to the motor solenoid release (automatic re set once the alarm signal is stopped).



Power operated doors comply with the Machinery Directive 89 / 392 / EEC and carry the (CE) symbol.

CONTROL PANEL

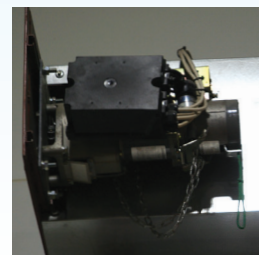
SPECIFICATIONS

Controls shutter descent in the event of fire. The panel interfaces directly with the on-site fire alarm system and can be linked to the building management system. It will also detect mains failure and low batteries. The panel is programmed to suit individual site requirement and will provide visual and audio warnings before the shutter closes.



Features A warning panel, activated from 24v dc 5 amp pulse or volt free fire signal, battery back up for solenoid release and A/V warning, adjustable time delayed door drop, two stage closing, pre-set programmes, two zone monitoring. Repeater panel available.

Accessories Smoke detectors, photo beams, key switches - flush & surface mounted.



NOTE: Our policy is one of continuous product development. We reserve the right to make such alterations in design and manufacture as considered necessary without notice. Drawings, specifications and other details are not binding in detail.