



Fire Roller Shutter Doors

Application

Designed to close automatically under fire conditions to maintain integrity of internal compartment walls. dP doors systems 1, 2 and 4 hour fire resistant roller shutter doors provide an effective barrier to protect lives and property.

Operation

Hand chain or electrical operation, both options come complete with a built in feature that allows the shutters to self-close under a controlled descent.

Fire Resistance

Tested in accordance with BS476: part 22: 1987 for up to 4 hours fire resistance. Assessed for openings up to 7000mm wide x 7000mm high, with individual assessments available for larger openings.

Activation

Automatic self-closing activated by a thermal fusible link, which disengages the clutch mechanism on the motor or hand chain unit when the surrounding temperature reaches 72 degrees centigrade.

Alternatively, the shutter can be linked into the buildings fire alarm system via a 24 volt solenoid release, a fusible link is also provided as a fail-safe back up.



GB 00605

dp DOORS & SHUTTERS LTD

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Fire Roller Shutter Doors

Operation

Shutters up to a maximum 2.8 meters wide x 2.8 meters high can be supplied self coiling push up operation. Shutters over this size should be either mechanically geared (*Handchain or handwheel) or electrically operated.

*Handchain operation allows the shutter to be operated from one side only, handwheel operation allows operation from both sides.

Automatic Closing

Fusible Link - all shutters are supplied with a fusible link which is designed to close the shutter automatically when local temperature exceeds 72 degrees centigrade.

Thermoelectric quartzoid bulb - can be provided which works in a similar principle to a fusible link but can also be wired into a fire alarm system (24 volts D.C.), upon receipt of a signal the bulb breaks thus closing the shutter.

Solenoid Release

Various arrangements are available, which when energised or de-energised allow the shutter to self close normally working on a 24 volt D.C. circuit, further details are available on request.

Finish

All parts not galvanised are painted in one coat of protective primer. Powder coat finish is available as an optional extra to B.S. 4800 and RAL 840 HR colour ranges, colours available on request.



DIMENSIONS GUIDE						
SIZES (mm)	CLEAR HEIGHT	A	B	C	D	E
		MANUAL OR ELECTRIC OPERATION	1000mm	610	280	280
	2000mm	630	305	305	163	150
	3000mm	650	330	330	163	150
	4000mm	670	356	356	163	150
	5000mm	690	406	406	163	150
	6000mm	710	456	456	163	150



Door & Hardware Federation



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