



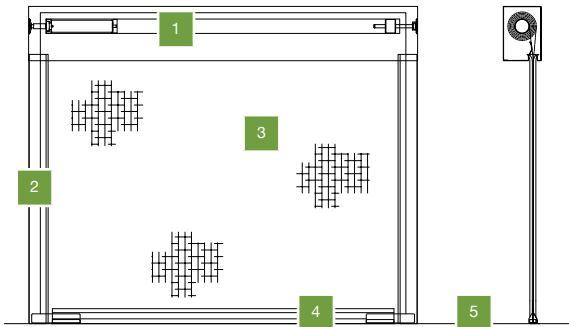
FireMaster® S

Fire Rating	Max Width	Max Height
- / 240 / -	30 metres	9 metres
- / 120 / -	30 metres	6 metres

FireMaster® S

The FireMaster® S Active Fire Barrier is an automatic fire curtain which comprises of technologically advanced fire-resistant fabric roller barriers encased in a compact steel housing.

The unique construction housing and additional tested smoke seals provide a smoke tight solution fully tested to AS1530.7(2007). Curtains remain invisibly retracted until activated by an alarm or detector signal, at which time they descend safely to their operational position.



- 1 Headbox including Smoke Seals
- 2 Side Guides including Smoke Seals
- 3 Smoke Tight Fabric Curtain
- 4 Bottom Bar
- 5 Floor

Barrier Construction

Only single roller construction. Each roller is up to 30 metres wide and has a minimum of 70mm diameter with a wall thickness of not less than 1.5mm. Rollers wider than 5 meters are wide single rollers incorporating IRSB headboxing.

Material Finish

Metalwork is zinc coated mild steel. This can be painted on site or powdercoated to DULUX or RAL colours.

Operation

FireMaster® S will remain retracted within its headbox until it is automatically activated by the fire alarm signal. Once activated it will completely close the opening, creating a fire and smoke compartment.

Test / Reset

Test is performed by a simple key switch. Its reset manually by pressing the reset button on the control panel. Automatic reset is available.

Bottom Bar

Standard bottom bar is Jumbo which is a triangular shaped bar 40mm wide. Also available is the 'T' bar and operable ceiling interface systems (SLAT) in 150mm and 75mm profiles

Benefits

- Provides both fire separation and smoke containment
- Smoke tight construction with tested performance to AS1530.7 (2007)
- Smoke performance has been tested when exposed to 200°C for 30 minutes

Fire Rating

Up to 4 hours fire integrity to AS1530.4. Assessment report EXOVA EWFA-RIR-21553

Time (mins)	Incident Irradiance (kW/m ²)	
	I ₀ - 0mm	I ₁₀₀₀ - 1,000mm
0	0.00	0.00
15	16.32	12.00
30	23.12	17.00
60	32.64	24.00
120	48.97	36.00

Smoke Rating

When the complete product is tested to AS1530.7 (2007). Standard Reference Conditions (STP) @ 200°C and 25Pa after exposure for 30 minutes. Assessment report EXOVA BWA-RIR-22525

Fabric	0.5m ³ /m ² /hr
Side Guides & Headbox	3.6m ³ /m/hr
Threshold	7.3m ³ /m/hr

Fabric

The curtain material is a glass fibre, stainless steel wire reinforced, fabric coated with an micronized aluminium filled fire retardant silicone elastomer 870 g/m² in its finished form.



coopers

EST. 1983