



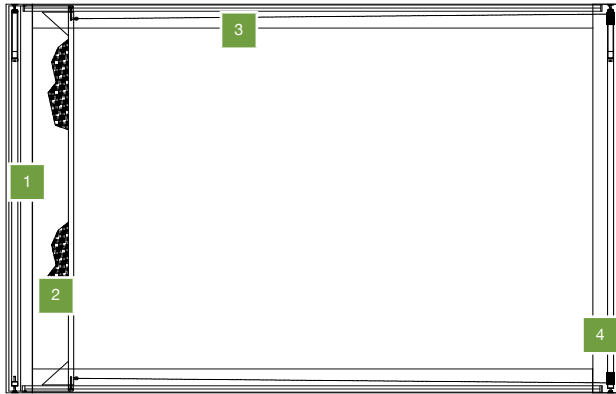
FireMaster® Plus Horizontal

Fire Rating	Max Width	Max Draw
- / 120 / -	4 metres	10 metres

FireMaster® Plus NVS™ Horizontal

The FireMaster® Plus NVS™ Horizontal fire curtain provides the same function and benefits as the FireMaster® NVS™ Horizontal with the added performance of creating an insulating zone. You would use the FireMaster® Plus NVS™ Horizontal where you need to protect means of escape or if there is close proximity of combustible items.

It remains concealed usually within the ceiling or floor space and is activated from the fire detection system and horizontally closes automatically.



- 1 Fabric Roller Head Box
 - 2 Fabric Curtain
 - 3 Guide Assembly
 - 4 Cable Roller Headbox
 - 5 Finished Floor
- N.B. Simplex version shown

Barrier Construction

Available in Simplex and Duplex designs. Simplex close from one end to the other, whereas the Duplex is used for much larger areas and closes from each end of a void to meet and close in the middle. Each roller is up to 4m wide with a maximum 5m draw.

Material Finish

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

Test / Reset

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

Operation

The leading edge of the curtain fabric has a special pre-tensioned support bar spanning the opening which runs in the side channels where the curtain fabric is retained. On alarm activation, the barrier is driven by tubular motors to the closed positions using steel pull straps.

Fabric

The curtain material is a continuous filament glass fibre and stainless steel wire fabric with fire retardant intumescent graphite flake silicone coating. It is 2mm thick, and weighs approximately 1.64kg/m² in its finished form.

Fire Rating

Up to 2 hours fire integrity to AS1530.4. Assessment report EXOVA EWFA-RIR-26607

Incident Irradiance (kW/m²)

Time (mins)	I ₀ - 0mm	I ₁₀₀₀ - 1,000mm
0	0.00	0.00
20	5.80	4.50
40	7.10	5.50
60	9.60	7.50
120	22.40	17.50

Benefits

- Allows for designs to create openings in floors within a building
- Can remove the requirement for atrium provisions from the building code
- Reduced cost when compared to vertical fire curtains if the void opening spans many floors
- Clear open void without support wires



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