



Vii® Fire iZone

Fire Rating

- / 120 / -

Max Width

2.5 metres

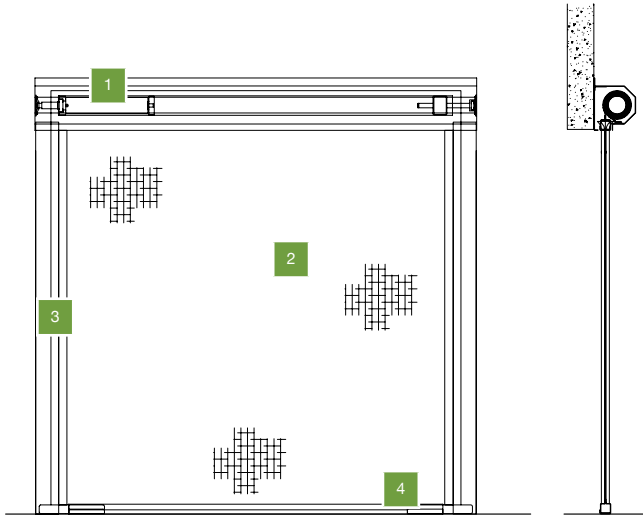
Max Height

2.5 metres

Vii® Fire iZone

The iZone product incorporates our intumescent fabric used in the FireMaster® Plus product. The intumescent fabric expands when exposed to temperatures in excess of 160°C, forms a carbonaceous char of organic matter and consequently provides a thermal insulating barrier.

The thermal insulating barrier creates a tenable zone allowing occupants of a building to safely pass the curtain to safety with a fire burning the other side of the fire curtain.



N.B. Face fix version shown

- 1 Headbox
- 2 Fabric Curtain
- 3 Side Guide Assembly
- 4 Bottom Bar

Barrier Construction

When supplied the Vii® Fire is completely assembled ready to direct fix to the building structure. Both the face fix and reveal fix boxing and guides have external fixing locations for ease of installation. No assembly on site required. An optional sill can be supplied for window applications.

Material Finish

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

Controls

Are 'plug and play' and are pre-commissioned with all additional functionality available in a standard offering. A cheaper, alarm input only control panel is also available.

Test / Reset

Test is by simulated alarm signal or using the test function on the control panel. By default Vii® Fire will automatically reset after the alarm signal is cleared.

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 CSIRO FCO-2904/4105

Incident Irradiance (kW/m²)

Time (mins)	I ₀ - 0mm	I ₁₀₀₀ - 1,000mm
0	0.00	0.00
15	6.01	4.41
30	9.34	6.85
60	18.65	13.68
120	28.73	20.73

Benefits

- Achieves radiated heat not exceeding 10kw/ m2 for 30 minutes
- 'Plug and Play' pre-commissioned system
- Preassembled system allows for fast installation
- Light weight and compact solution is more aesthetically pleasing than shutters or doors

Revision 1

delivering engineered solutions



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fire and smoke curtains