

# firemaster® plus horizontal

Up to 2 hour insulating fire curtain on a horizontal plane



revision 5.0 November 2019

delivering engineered solutions

# firemaster® plus horizontal

Up to 2 hour insulating fire curtain on a horizontal plane

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
- ② Fabric Curtain
- ③ Guide Assembly
- ④ Cable Roller Headbox

## 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/m<sup>2</sup> in its finished form.

## barrier construction

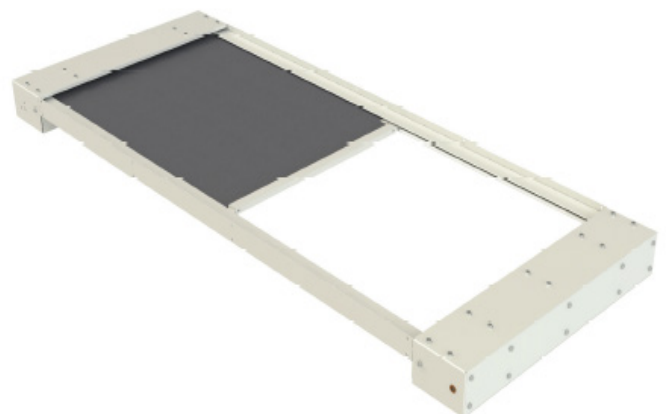
Available in Simplex and Duplex designs. Simplex close from one end to the other, whereas the Duplex is used for much larger areas and closes from each end of a void to meet and close in the middle. Each roller is up to 4m wide with a maximum 5m draw.

## fire rating

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

## insulation

This system utilises a fire rated fabric which is coated with an intumescent coating. When the fabric begins to heat, the coating begins to expand and solidify. This creates an insulating barrier. For more information on how the insulation is achieved please contact us for specifications.





# firemaster® plus horizontal

Up to 2 hour insulation fire curtain on a horizontal plane

## 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.

## 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

## material finish

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

## installation

This product is installed by our expert technicians, ensuring that the product is working to its maximum capabilities. We also provide service technicians which ensures that the system is well maintained, ensuring that the system is always at 100%. Please account for a lead time as this is a product that requires specific development based on your requirements.

## sustainability

We ensure that the construction, operation, and management of our systems are conducted utilising sustainable practices. The firemaster horizontal is a safety system that is gravity failsafe, requiring little energy to operate. This system utilises sustainable materials which are recyclable and does not use any plastics. Our firemaster systems are constructed using sustainable practices which minimise emissions, reduce waste and eliminate water wastage and pollution.

## benefits

- Allows for designs to create openings in floors within a building
- Tested and compliant to AS1530.4
- Can remove the requirement for atrium provisions from the building code
- Reduced cost compared to vertical fire curtains if the void spans many floors
- Clear unobstructed void without support wires
- Provides design freedom





delivering engineered solutions

## Melbourne

Greene Fire Pty Limited  
123 Woodlands Drive  
Woodlands Industrial Estate  
Braeside, VIC, 3195  
P (03) 8526 1990  
[www.greenefire.com.au](http://www.greenefire.com.au)  
ABN: 50 122 435 081

unit 12



## Sydney

Greene Fire Pty Limited  
Unit 2, 7-11 Parraweena Road  
Taren Point, NSW, 2229  
P (02) 9526 3100  
[www.greenefire.com.au](http://www.greenefire.com.au)  
ABN: 50 122 435 081



INNI<sup>TV</sup>ATE

