FireMaster® Plus

create tenable zones with low radiant heat fire curtain

greene
fire

delivering engineered solutions

FireMaster® Plus

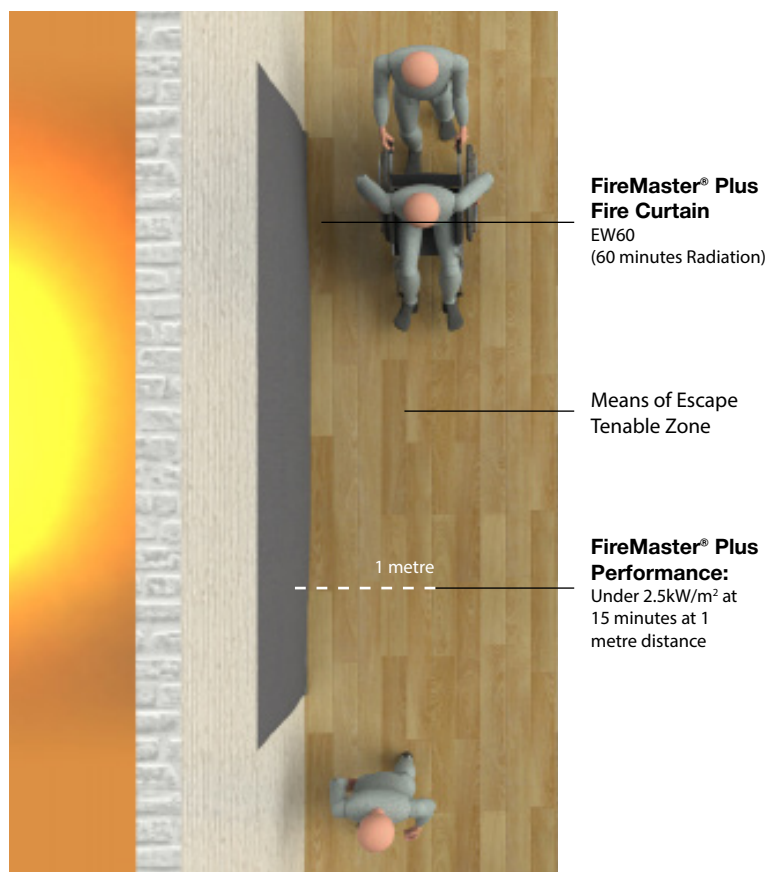FireMaster® Plus would be used in preference to the standard FireMaster® where an insulated barrier is preferred or required. The unique Plus fabric provides significantly lower irradiance (approximately 4 times less) through the fire curtain barrier and is a preferred option in areas where there is expected to be egress or combustibles in close proximity to the fire curtain location.

Fire Rating	Max Width	Max Height
- / 120 / -	30 metres	7.5 metres

operation

FireMaster® Plus will remain retracted within its head box until it is automatically activated by the fire alarm signal. Once activated it will completely close the opening, creating a fire and smoke compartment. Deployment is by gravity at a controlled speed of 0.06 - 0.15m/s. The only true gravity failsafe product on the market.

fire rating

Full scale and full assembly fire testing to AS1530.4 providing fire integrity of 2 hours. The radiant heat is less than 4.22kW/m2 @ 500mm for 30 minutes.

Testing also includes motor testing and proving 12 operating cycles operating cycles across 30 minutes fire exposure.

No need to fire protect the headbox or side guides as the complete product is fire rated.

Incident Irradiance (kW/m^2)

Time (min)	I_o - omm	I_{1000} - 1000mm
0	0.00	0.00
15	3.07	2.26
30	4.65	3.42
60	7.28	5.35
120	11.59	8.52

FireMaster® Plus Fire Curtain
EW60
(60 minutes Radiation)

Means of Escape Tenable Zone

1 metre

FireMaster® Plus Performance:
Under 2.5kW/m^2 at 15 minutes at 1 metre distance

material finish

Metalwork is zinc coated mild steel. This can be painted on site or powder coated to DULUX or RAL colours.
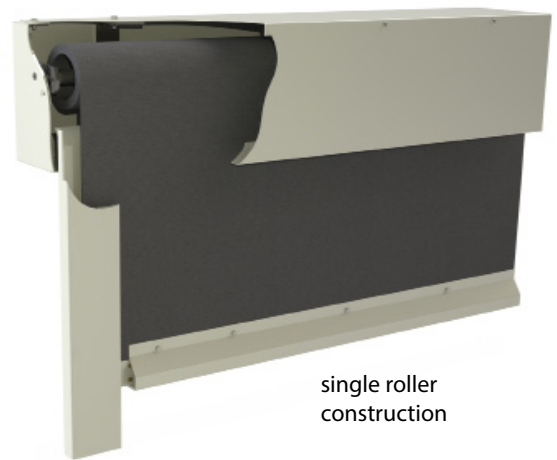
FireMaster® Plus

fire curtain construction

Single roller construction only. Each roller is up to 30 meters wide and has a minimum of 70mm diameter with a wall thickness of not less than 1.5mm. Rollers wider than 4 meters are wide single rollers incorporating Wide Single Roller (WSR) head boxing.

fire curtain concealment

Standard bottom bar is Jumbo which is a triangular shaped bar 40mm wide. Also available operable ceiling interface systems (SLAT) in 150mm profile and 75mm stall plate.

side guides

Side guide channels seal the curtain fabric and the building. As fire can cause extreme positive or negative pressures, Coopers' unique fabric locking system has been developed and proven over many years to prevent fire spread and smoke leakage.

single roller construction

benefits

- Provides insulating zone performance
- Does not require sprinklers or drenchers to reduce heat
- Can be used near combustibles and means of egress where insulated barriers are normally used. Pending fire engineered solution
- Compliant to AS 1530.4
- Light weight construction
- Tested to be used over multiple flooring surfaces
- Can replace non-load bearing fire walls
- Supply and install is available

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unit 12

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