







Coopers

-  Fire and Smoke Engineering
-  Fire and Smoke Ventilation
-  Solar Control Systems
-  Service and Maintenance

FireMaster

Automatic Domestic Fire Curtains (Vertical)

The Unique 'Invisible' alternative to walls, doors and partitions.

Coopers automatic vertical fire curtains are the only perfect solution for ensuring that domestic open plan environments comply with Building Regulations Approved Document B (as specified by NHBC) without the construction of unsightly, fixed fire rated walls.

If providing a closure in a wall or partition that is less than 25% of the length of the wall then insulation is not required – a standard FireMaster Curtain is adequate. However when protecting a means of escape route then 'FireMaster Plus' will be needed.

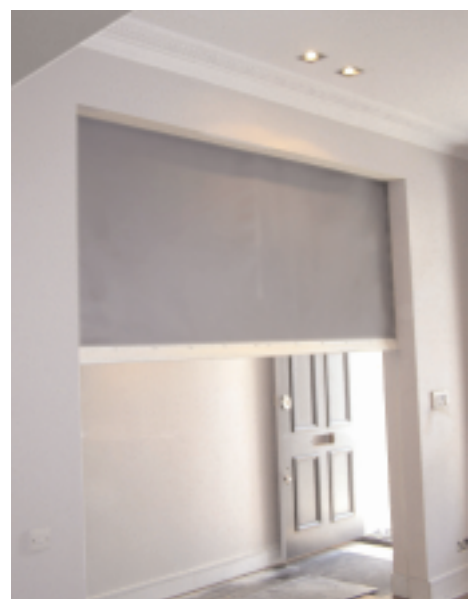
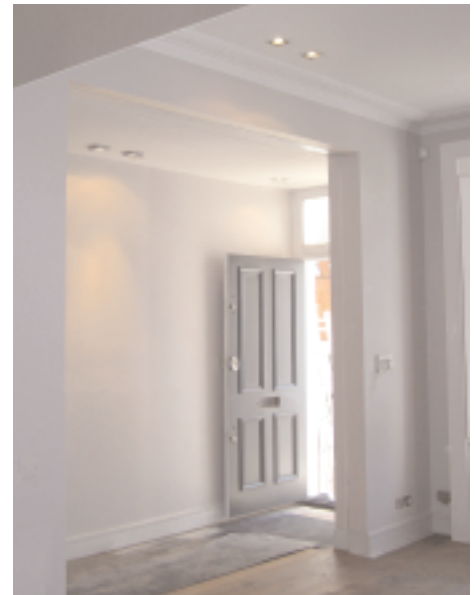
Beware: Do not jeopardise your Insurance - demand to see full testing and certification. Do not be fooled by systems that are not properly tested. This is a Life Safety Product – 'Compromise on safety and you compromise on life'. Demand to see full testing and certification. (See ****Testing & Certification, **Specification**)

The Domestic Fire Curtain completely removes the need to erect solid firewalls, partitions, or when included in their construction, traditional fire doors that can compromise the most innovative design plans. The Coopers domestic fire curtain remains invisibly retracted within its housing until activated by the detection system. The compact, lightweight housing can be simply fitted within a small ceiling void, which allows spacious, open-plan room designs that meet all the relevant fire regulations.

The unique, patented ceiling interface allows the curtain to hide within the ceiling and the Coopers slim side channels (the smallest in the market) can easily be disguised or recessed within the walls.

In the event that the design does not permit either the housing or side channels to be hidden, they can be supplied finished in a polyester powder coating in any colour. A preferred option is a zintec protective coating that can then be decorated to ensure a perfect match with the surrounding colour and texture.

All curtains incorporate the unique Total 'Gravity Failsafe' drive system, originally patented by Cooper's, now the accepted method worldwide, which enables the curtain to descend safely under gravitational force at a safe and controlled speed, even in the event of a total power failure. Lives and property remain protected, even in the event of system or wiring corruption.



Coopers has been involved in curtain production since the late 1970's. No other manufacturer has more experience in this critical area of life safety.

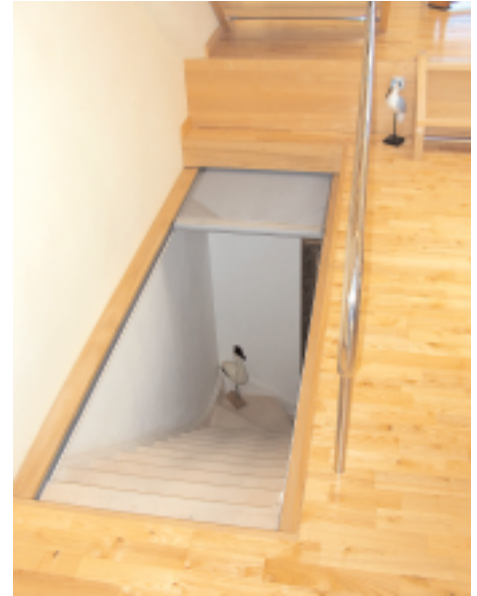
With higher levels of testing and certification than any other supplier, Coopers Domestic Fire Curtains and Domestic Smoke Curtains are the most comprehensively tested products in the market. Remember, 'Compromise on safety and you compromise life!'

FireMaster

Automatic Domestic Fire Curtains (Horizontal)

Coopers automatic, horizontal fire curtains provide the ideal option to stop the spread of fire between floor levels. Perfect in the domestic environment for sealing off stairwells without the need to create a complete enclosure with fixed fire-rated walls, fire rated doors, or a sprinkler system on the ground floor as recommended in Approved Document B.

The Domestic Fire Horizontal Curtains, installed in compact housings, are easily concealed into the ceiling structure. The curtain remains in the 'invisible' retracted position. Upon receipt of an alarm it will draw across preventing vertical fire spread. The fire curtain is kept fully tensioned by the internal, self-adjusting tensioning system. This unique mechanism automatically compensates for climate change, fabric and cable stretch it does not rely on mechanical springs or elastic belts that age and wear to cause variation. The system is fully tensioned in the operational position, and the curtain is retracted and stored, out-of-sight when non-operational.



All systems are fully tested to BS EN1634-1 offering 2-hour integrity and fire resistant performance.

***Testing & certification**

Coopers Domestic Fire Curtains (sometimes called Barriers) have a fire resistance of over 2 hours and have been tested in accordance with BS EN1634-1, BS476-6, 7 & 22, BS7346-3 and PAS121.

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**** Specifications:**

Fire Curtain (vertical and horizontal)

FireMaster (Standard) EFP 2/1000 is long established high performance fire textile composite material of a stainless steel reinforced woven glass fibre. The special EFP coating, developed by Coopers nearly 15 years ago, contains a micronised aluminium enriched polymer, which when exposure to fire, is absorbed into the surface of the curtain providing high temperature performance. As with all Coopers products the EFP2/1000 is tested both nationally and internationally in accordance with BS EN 1634-1, BS 476-6, 7 & 22.

FireMaster Plus (protecting means of escape) is a standard curtain coated with a special intumescent and tested in accordance with PAS121 to provide an insulating zone of 30 minutes.

Bottom Rail

A specially formed steel bottom rail keeps the curtain tensioned and in place. When in the retracted position the fire curtains' bottom bar creates a slimline soffit, with no visible fixings for a clean, uncluttered appearance.

Roller

The fire curtain fabric winds onto a top quality tubular 70mm, 80mm or 100mm barrel of ERW mild steel tube produced to even higher tolerances than Standards require.

Housing (vertical and horizontal)

Housings are manufactured from galvanised steel and are available in a range of sizes to fit various opening heights and widths. Fire curtains of up to 6m wide and drops of 5m only require lightweight housings as small as 150mm x 150mm. Fire curtains of 54m wide and drops of 5m only require housings as small as 150mm x 250mm.

The barrel and curtain assembly is contained within the housing, which can be easily concealed within the ceiling structure.

Guides (vertical and horizontal)

Fire curtains require side guides to provide a seal between the curtain fabric and the structure of the building. Unlike ugly steel shutter guides, the Coopers slimgroove channel system is neat and compact and can be easily concealed to make it inconspicuous. The side guides are made from strong steel that can be either galvanised, or polyester powder coated. The guides can even be recessed into the wall structure for a flush finish.

Finish

Guides, bottom rail and housing are supplied in galvanised steel as standard, and are also available polyester powder coated in a range of standard RAL colours (at additional cost) to match your décor.

Survey and Service

Coopers is a long established, privately owned UK business with both national and international markets.

We can provide technical support, design guidance and advice, and offer a full survey service with installation by qualified and trained engineers.

Coopers is a BS EN ISO 9001:2000 Quality Assured Company with both BSi and LPCB accreditation. Coopers are also Product Listed with LABC, IFC and Bodycote Warrington Fire.

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