



ONE CREECHURCH PLACE, LONDON

CASE STUDY

CLIENT: HYPERION GROUP

SECTOR: Commercial Offices

PROJECT: FireMaster® Concertina
Fire Curtains

APPLICATION: Compartmentation



MULTIPLE CONCERTINA FIRE CURTAINS PROTECT INTERNAL FEATURE STAIRCASES

THE BUILDING

One Creechurch Place sits in the heart of London's financial district, rubbing shoulders with other significant buildings such as the Gherkin, the Lloyd's Building, the Leadenhall Building and the new Scalpel. While located in the financial district, the building benefits from the close proximity to the tech hubs of Spitalfields, Shoreditch and Aldgate and as well as major train and tube stations.

The new, modern and efficient office building comprises of two levels of basement, ground floor and 17 upper storeys, plus rooftop plant, providing 271,600 square foot of commercial office space and 2,300 square foot of retail space at ground level.

The top seven floors comprising, of 115,910 square foot have been let to Hyperion who have worked with designers to link all of their floors with a feature spiral staircase. Coopers Fire installed five FireMaster Concertinas to prevent breaching of the horizontal Fire Separation and to avoid a lobby or doors at the top and or bottom of the staircase

HOW DID COOPERS HELP?

The Coopers FireMaster, closed and open Concertina fire curtain is a perfect solution when requiring fire compartmentation around a staircase as it offers a virtual firewall creating a lobby once the curtain has been deployed with more than 3 hours integrity.

A total of five FireMaster Concertinas were installed between floors 11 and 15 in this large office space. These curtains allow for the open plan flow of the building to remain as intended and prevent the spread of fire through the building whilst providing compartmentation.

To avoid a door and lobby at the top or bottom of the stairs for fire separation, a fire curtain was designed in conjunction with the feature spiral staircase.

The design of the fire curtain meant that the curtain was concealed within the ceiling making it almost invisible until deployed.

BENEFITS

The FireMaster Concertina offers up to four hours fire resistance for heights to 5 metres or two hours for heights to 8 metres.

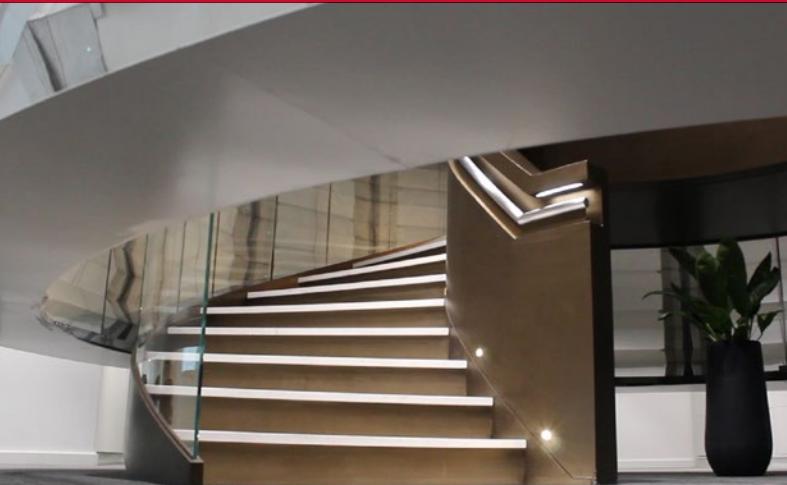
The FireMaster Concertina can be bespoke to each project and can be produced to fit an array of different shapes and sizes for it to fit any kind of building design. In any width with a maximum drop of 8 meters (5 metre drop if 240 minutes integrity is required) the FireMaster Concertina is compliant to BS 8524-1:2013, the only global fire curtain standard.

Coopers Fire is a turnkey business, offering the customer a product and service with full provenance.

Coopers Fire designs, manufactures, tests, installs and maintains all its fire curtains from the business premises in Havant, Hampshire, UK.

KEY BENEFITS

- No posts or guides make a perfect solution for open plan designs
- Protect feature staircases without the need for a fire door or lobby
- Integrated into ceiling so virtually invisible until deployed
- Accredited by Independent Third Party Certification for both Product Testing and Installation
- Compliant to BS 8524-1:2013



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Coopers Fire Ltd has a policy of continuous product improvement.

As such we reserve the right to change design and specifications without prior notice.

Please check our website for the latest information.