



# HOTEL RUSSELL, LONDON

CASE STUDY

CLIENT: 8 Russell Square, Bloomsbury,  
London. UK

SECTOR: Hotels, Restaurants and Leisure

PROJECT: Multiple Vertical Fire Curtains

APPLICATION: Compartmentation



**coopers**

EST. 1983

LEADING THE WAY IN FIRE PROTECTION

# FIRE SEPARATION BETWEEN FLOORS REINSTATED WITH FIREMASTER FIRE CURTAINS

## THE BUILDING

In April 2018, the Hotel Russell underwent an extensive refurbishment to become The Principal London, a five star hotel, located on Russell Square, Bloomsbury, London.

EPR Architects were the lead designer and Coopers Fire worked with LJJ Contractors on this project.

The Grade II listed, 'grande dame' Hotel Russell was built in 1898 by architect Charles Fitzroy Doll, who was later commissioned to design the dining room on the Titanic and used the Hotel Russell as a model.

The 334 room hotel is distinctively clad in decorative *thé-au-lait* ("tea with milk") terracotta with four British Queens guarding the entrance. It is known for its decorative features such as its extravagant furniture, an ornate Pyrenean marble staircase and an interior sunken garden. It was always intended to be a home to glamour and indulgence and at the time it opened, each room was fitted with an en-suite bathroom which was a great innovation for the time.

## HOW DID COOPERS HELP?

The existing ornate and decorative features of the hotel, meant that the fire curtains needed to integrate with the existing parts of the building that were remaining. This included a four sided, marble clad atrium in one of the main entrance halls, which covers two floors from ground floor to first floor.

There were four fire curtains installed around the first floor of the atrium therefore reinstating fire separation between floors.

Fire curtains offering up to 3 hours fire resistance were also installed in the new hotel kitchens, preventing fire from spreading from kitchen areas to the public dining rooms and bar.

## BENEFITS

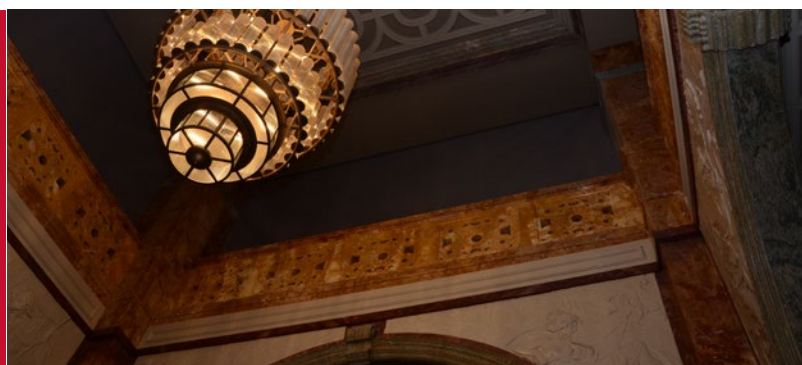
As a manufacturer and installer that is fully project managed meant Coopers Fire were able to ensure the final, fitted products satisfied the high quality finish required and integrated with the existing hotel as per the design requirements. Coopers Fire are Independently Third Party Certified for Product Testing and Installation.

Coopers Fire fire curtains are recognised as the modern alternative to firewalls, fire doors and glazing, giving designers the freedom to design modern, open plan spaces without compromising fire safety. They are increasingly specified by designers as a solution for open plan designs.

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 our business premises in Havant, Hampshire.

## KEY BENEFITS

- Allows open plan staircase design by offering the required fire separation between floors
- Integrated into ceiling so virtually invisible until deployed
- Side guides were installed behind marble so the fire curtains are virtually invisible
- Compliant to BS 8524-1:2013
- Manufactured by Coopers Fire in the UK under BS EN ISO 9001 and 14001 systems



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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.