

HAMAD BIN KHALIFA MEDICAL CITY

CASE STUDY

INSTALLATION BY



International Gulf Trading Company
www.chubbfire.com.qa

CLIENT: Hamad Bin Khalifa Medical City
Health Centre, Doha, Qatar

SECTOR: Healthcare

PROJECT: FireMaster® Vertical Fire Curtains

APPLICATION: Compartmentation, Atrium, Lobbies
and Receptions, Means of Escape



coopers

EST. 1983

LEADING THE WAY IN FIRE PROTECTION

COOPERS FIRE CURTAINS PROTECT LARGEST HEALTH CENTER IN THE MIDDLE EAST

WHAT TYPE OF FIRE PROTECTION WAS THE CLIENT LOOKING FOR?

Chubb Fire are Coopers' distributor in the State of Qatar and recently installed multiple vertical fire curtains in the Hamad Bin Khalifa Medical City Health Centre in Doha, Qatar. This healthcare facility is the largest ever in the Middle East with over 250,000 square metres of space.

This state of the art, open plan health centre was funded for construction by the Government owned Hamad Medical Corporation (HMC), which is one of a number of new facilities planned by HMC and the Supreme Council of Health in the coming years to expand medical and health provisions in the country due to its booming population.

The fit out company on this project were Korean-based Hyundai Engineering and Construction Company, who are well known for the high standards of finish on their projects. Chubb Fire worked with the local consultants, KEO, to ensure all fire requirements were adhered to.

Due to the open plan design of the hospital, with large atriums and long, curved corridors, meant there was a requirement to have multiple fire breaks throughout the building that required a solution that didn't interrupt the flow and layout of the design. Multiple FireMaster fire curtains were used to offer these fire breaks and were also selected as the product would integrate with the high end finish specified.

HOW DID COOPERS HELP?

Our range of products meant all of the fire curtain requirements were met and the fire regulations could be adhered to keep the occupants of this complex safe. Coopers FireMaster vertical fire curtain is a great way to offer compartmentation between fire zones.

By installing the FireMaster vertical fire curtain meant it would provide the building with an approved, non-invasive means of fire protection that would satisfy the fire regulations as well as ensuring that the open plan design remained as intended.

“ We needed a high spec product that was dependable when required that also satisfied the top quality finish our clients demand ”

Applications for Compartmentation, Atrium, Lobbies and Receptions and Protected Means of Escape were required as part of the fire safety solutions.

42 FireMaster fire curtains were installed in the Hamad Medical City ranging from 1.5 metres wide to 12 metres wide offering over 2 hours fire resistance and due to the modern technology, well-engineered designs and non invasive properties of the products installed, meant it fitted perfectly with this high specification, open plan health care centre.

BENEFITS

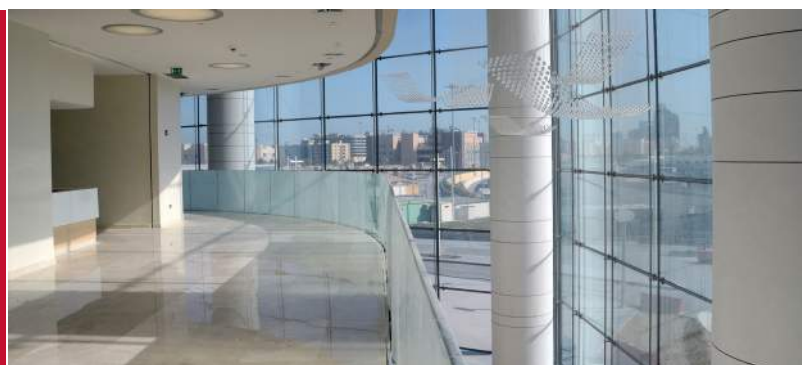
Chubb Fire were able to work closely with the consultants, KEO on this project to satisfy the fire regulations and due to our partnership with Chubb Fire, Coopers were able to ensure the final engineered solution and fitted products satisfied the high quality finish required by the client. Coopers are Independently Third Party Certified for Product Testing and Installation.

Coopers 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

- 'Virtual Wall' Created so a Perfect Solution for Open Plan Designs
- Accredited by Independent Third Party Certification for both Product Testing and Installation
- Manufactured by Coopers 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