



DOMESTIC PROPERTY

CASE STUDY

CLIENT: Homeowner
London, UK

SECTOR: Domestic Property

PROJECT: ViiFire® i-Zone
Fire Curtain Barrier

APPLICATION: Protected Means of Escape



coopers

EST. 1983

LEADING THE WAY IN FIRE PROTECTION

COOPERS SUPPLY ONLY VII@FIRE PROVIDES COST EFFECTIVE SOLUTION FOR MODERN HOME

WHAT TYPE OF FIRE PROTECTION WAS THE CLIENT LOOKING FOR?

When embarking on an extensive home renovation project, ensuring that your property remains compliant with stringent fire regulations can often be overlooked. Whether you're removing non-loadbearing wall, door or glazing to create a modern, open plan living environment, it's a statutory requirement of your home to provide occupants with a safe means of escape in the event of a fire.

For Mr Garner, ensuring that his new loft extension met with fire regulations designed to protect occupants from fire, posed an unforeseen challenge. Due to the size and open plan configuration of the extension, it was necessary to provide the new landing area with a safe zone capable of sufficient protection should a fire occur downstairs. Additionally, the appointed Building Control Body stipulated that the fire protection equipment should deliver integrity with insulation, necessary for providing occupants protection from the heat of a fire when passing to escape.

HOW DID COOPERS HELP?

Coopers were called in to help find a solution following confirmation from Building Control that the project would fail to meet with stringent fire regulations, unless an approved means of fire protection was installed. This ruling threatened both the new loft extension's open plan design with the only alternative; rebuilding non-loadbearing walls.

After consulting with the client, Cooper's solution was to supply a Vii@Fire i-Zone domestic fire curtain barrier direct to the client. This solution would provide the building with an approved, non-invasive means of fire

“ Coopers supply only Vii@Fire provided us with a cost effective means of ensuring that our new open plan designs met with Building Control Approval ”
Mr & Mrs Garner, Property Owners

protection that would satisfy the fire regulations as well as ensuring that the open plan design remained as intended.

Coopers developed the Vii@Fire i-Zone to provide escaping occupants with an insulating zone approved to shield them from the heat of a fire for up to 30 minutes. Installed within the new extensions threshold, the Vii@Fire i-Zone fire curtain barrier has been developed to be sympathetic to interior design by remaining hidden from view until deployed by a fire alarm.

BENEFITS

Coopers Vii@Fire products are designed to provide clients with the flexibility to either purchase the fire curtain on a supply only arrangement, or as a fully project managed option. In this instance, Coopers supplied the Vii@Fire i-Zone direct to the home owner who installed and commissioned the fire curtain in accordance with Building Control.

By installing a Vii@Fire i-Zone fire curtain barrier the homeowner was able to ensure that their desired, modern open plan design met with the required approvals. Furthermore, by opting to purchase the fire curtain barrier on a supply only arrangement, the client benefited from a cost effective solution that was despatched direct to the builder. This limited the impact of the project's completion deadline as well as reducing additional, financial costs for the client.

KEY BENEFITS

- The open plan living environment remained as designed
- 2 hours fire protection with 30 mins insulation
- Supply only arrangement or full project management
- Independent Third Party Certification for installation, commissioning and servicing



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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