

Case Study: 185 Park Street, London

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The 185 Park Street redevelopment comprises two residential tower blocks and a commercial office block. The three blocks ranging up to 19 storeys in height will create 170 residential units, along with office space, flexible retail space and a new cultural facility.

The Challenge

Kiwa Fire Safety Compliance were appointed to provide expert fire safety strategy support and advise throughout the duration of RIBA Stages 3 and 4 of the project.

During the process the client requested if Kiwa Fire Safety Compliance could explore the possibility of reducing the fire resistance requirements to the structural steel of the commercial office block.

Contracting Client:

Sons and Co Ltd

Location:

London, UK

Sector:

Mixed Use

Key Elements:

- Fire safety strategies
- Time equivalent analysis
- Estimated development value - £400m



The Solution

Further to the initial scope of the project we were able to conduct a Time Equivalent engineering analysis capable of demonstrating and justifying a reduction of the fire resistance requirements of a number of structural steel members of the upper floors of the office block.

A comprehensive analysis was conducted with the findings collated within a technical report.

The Outcome

The analysis conducted by Kiwa Fire Safety Compliance was third party reviewed and approved by the relevant building authority.

The outcome enabled the client to reduce the fire protection requirements for a number of structural steel elements and in turn provided substantial project savings.



“Since our foundation, we have continued to deliver robust, innovative and cost-effective fire safety solutions.

Indeed, we have lent our expertise to developments right across the built environment spectrum, from the necessities of Residential, Education and Healthcare to the more iconic buildings of the past, such as historical royal palaces and stately homes.”

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