



CASE STUDY

50 SLOANE STREET, LONDON, SW1X

IKO Permaphalt
250m²



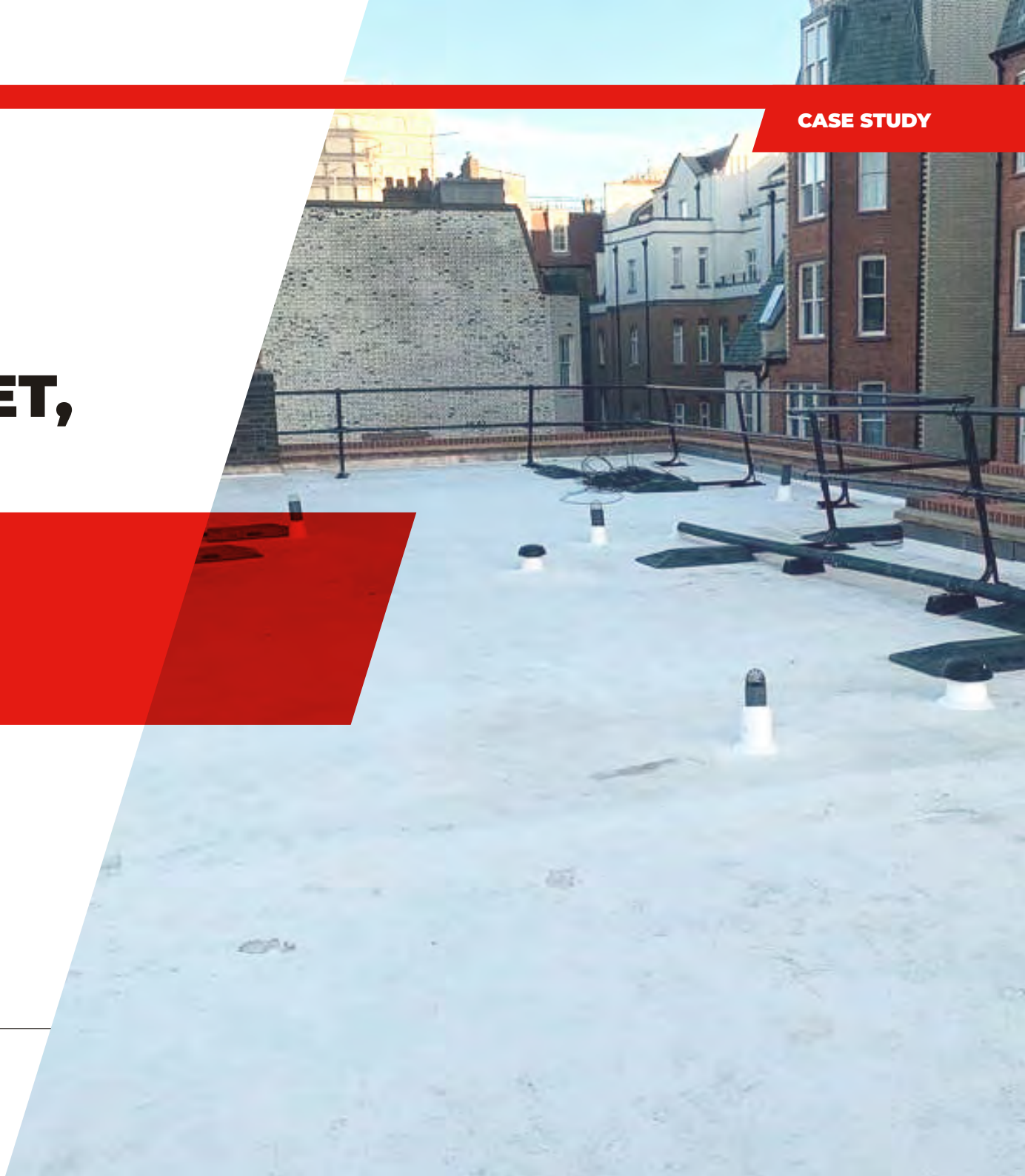
Project sector: Residential

CONTRACTOR

Russell Trew Ltd



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PROJECT OVERVIEW

50 Sloane Street is a residential block in London that underwent a complete refurbishment of its roof. Russell Trew, working in conjunction with supplier IKO, was tasked with delivering a high-quality, effective roofing solution within a challenging four-week programme in winter. The project demanded exacting standards and efficient installation.

CHALLENGES

The project's location posed significant logistical difficulties as a large gantry could not be constructed on site. Given the quantity of material and lack of space, clearing the existing roof coverings and insulation proved to be an extensive operation. Debris could not accumulate on the roof or be placed in street-level skips, requiring the use of wait-and-load vehicles at extra cost and under strict time constraints. Although the arrangement was necessary, it added both financial and scheduling pressures to the project.

The programme faced additional pressure when scaffolding delays compressed the already tight four-week timeline to just 22 days. To meet the deadline and avoid substantial penalties, labour was redirected from other jobs, including silent weekend work, to ensure completion days before Christmas. The pitched roof also presented safety challenges, requiring special harnesses to ensure the workforce could weld all areas correctly and safely. Commitment to safety remained paramount throughout the project, with comprehensive health and safety procedures implemented at every stage.



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SOLUTION

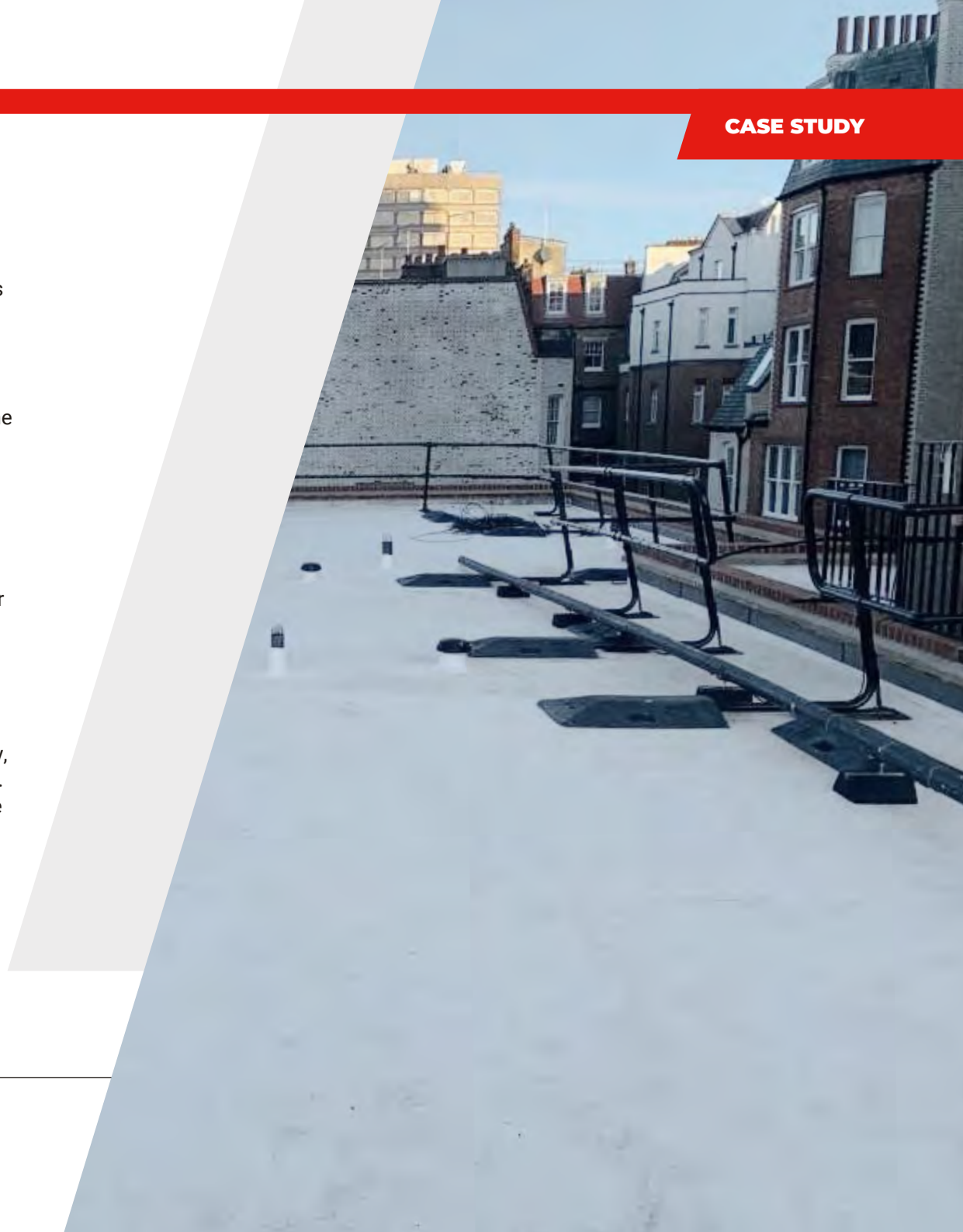
The refurbishment began with the careful removal of existing roof coverings and insulation, preparing the surface for the new system. A new tapered insulation system was installed to achieve efficient drainage and prevent ponding water on the roof. The IKO Permaphalt waterproofing system was then applied, providing a durable, weatherproof seal with an impressive U-value of 0.12, ensuring excellent thermal performance for the benefit of the building's residents.

The system incorporated several high-performance products carefully selected to ensure optimal performance, durability and protection against moisture ingress. To guarantee safe access for future maintenance, a permanent access hatch, man-safe system and access ladder were installed. These additions were crucial for ensuring the long-term access for maintenance of the roof system.

Russell Trew Ltd's experienced workforce took immense pride in their workmanship. This was evident in the superior finish of the roof, which aligned with the exacting standards of IKO's specification and guarantee conditions. The successful completion saved both valuable time and money, as well as ensured the project stayed on schedule despite the earlier delays. This achievement is particularly noteworthy given the complex nature of the site and the restricted timeframe in which the team had to operate.



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CASE STUDY

IKO GUARANTEE

20 Year Materials & Workmanship Guarantee

PRODUCT / SYSTEMS

- IKO Permaphalt
- IKO Black Sheathing Felt
- IKO PIR MG tapered insulation
- IKO Ultra AVCL (air and vapour control layer)



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