



Case Study

Albert Dock - London



Project Details

Client:

Pete Chapman

Location:

London

Date Completed:

2020

System Used:

Langley TA-25 Flat Roofing
System

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Overview

We carried out a flat roof refurbishment at Albert Dock, a 100+ year-old building opposite London City Airport that now houses luxury apartments. The property required a durable and aesthetically pleasing solution that could withstand the harsh riverside environment while improving insulation and waterproofing.





The Challenge

The existing waterproofing had reached the end of its service life. The building's location on the River Thames meant the new roof needed to deliver superior weather resistance while also achieving modern thermal performance. Aesthetics were also key - the client, who owns and lives in the building, wanted a finish that complemented the stone façades and regeneration of the area.





Our Solution

We installed Langley's TA-25 Flat Roofing System, part of the Elastoflex range. The warm roof build-up included a mechanically fixed isolating layer, 70mm PIR insulation, underlay, and Elastoflex capsheet, finished in dark grey. Detailing around penetrations was highlighted in black and orange to complement the building's architecture.

The TA-25 system offers a lifespan of 40+ years, Broof(t4) fire performance, LABC assurance, and BBA certification. The installation was completed with minimal waste to landfill by overlaying the existing structure, providing both sustainability and cost-effectiveness.



The Results

- Long-lasting waterproofing with a 25-year independent guarantee
- Improved insulation and thermal performance
- Robust, durable roof suited to harsh riverside conditions
- High-quality aesthetic finish in keeping with the building's design
- Sustainable solution through overlay rather than full replacement





For More Information Contact Us

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