



Case Study



SAPPHIRE

Deptford Landings
(Plot 4)

*“ It’s gone well on the whole
- the experience with
Sapphire has been very
good. ”*

Envelope Package Manager, Lendlease



Deptford Landings (Plot 4)

Client: Lendlease Construction (EMEA) Limited

Contractor: Lendlease Construction (EMEA) Limited

Architect: Eurban Limited
Hawkins Brown Limited

Location: Deptford, London

Balconies: 217 balcony lifts



History

Once a royal dockyard, constructed under the purview of Henry VIII, the Deptford Landings project is a mixed-use urban regeneration development located in the northern region of the London Borough of Lewisham. Deptford is an area that thrives on its culture, with a community of creatively-minded people bringing new life to the area. Sapphire are thrilled to have been a key part in bringing Lendlease's new Deptford Landings project to life, beginning with Plot 4, Deptford Wharves.



Streamlined by Innovation, Delivered by Sapphire

Lendlease began the Deptford Landings development with an ambition to use a CLT frame across the masterplan. CLT-framed buildings can often be more sustainable than traditionally concrete-framed buildings, is generally lighter-weight and can be prefabricated off-site, reducing construction time on-site.

We were aware from an early stage that this plot of Deptford Landings had a small site footprint to work with and very limited on-site storage available. This meant that not only



could the balconies not be stored on-site awaiting installation, but it meant that transport logistics needed to be considered at an early stage.

Sapphire was able to ensure this project was streamlined by innovation using a combination of our brand-new Next Generation Cassette® system, Remote Locker Device (RLD) connection solution and our G60 anchor. Each of these elements allowed for a reduction in carbon footprint compared to our previous system and increased safety for installers on the project.

The innovative RLD connection meant that balconies could be pre-slung on the lorries and lifted straight into position as the connection arms were situated inside the balcony Cassette®. Furthermore, this meant that the initial fears of restriction on-site could be alleviated. Finally, using the G60 non-combustible anchor meant any concerns about fire safety within the CLT structure of the building could be remedied as the façade was now fully thermally broken and non-combustible in line with current building regulations.



NBS Specification

Deptford Wharves Plot 4

Manufacturer Sapphire Balconies Ltd 11 Arkwright, Road Reading, RG2 0LU
0344 88 00 553
support@balconies.global
www.balconies.global

Reference Next Generation™ aluminium Cassette® balconies with flat infill vertical bar balustrades

Balcony anchor Cast-in G60 anchors incorporating non-combustible thermal breaks

Arms RLD detail to a S355 grade 2-piece galvanised steel beam

Cassette® structure Modular Next Generation™ Cassette® balconies

Soffits Polyester powder-coated aluminium-controlled draining soffits

Deck finish Vista® aluminium decking fixed with hidden clips

Toprail Profiled aluminium extrusion, polyester powder-coated

Guarding 50 x 12 mm flat infill vertical bar balustrades, polyester powder-coated

Base fixing Mechanically fixed to Cassette®

Fascias Polyester powder-coated folded aluminium sheet fascia trim



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 0344 8800 553
 www.balconies.global
 support@balconies.global

Sapphire Balconies Ltd
11 Arkwright Road, Reading, RG2 0LU

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