

It's gone well on the whole

- the experience with

Sapphire has been very

good. **

Envelope Package Manager, Lendlease





Wistory

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.

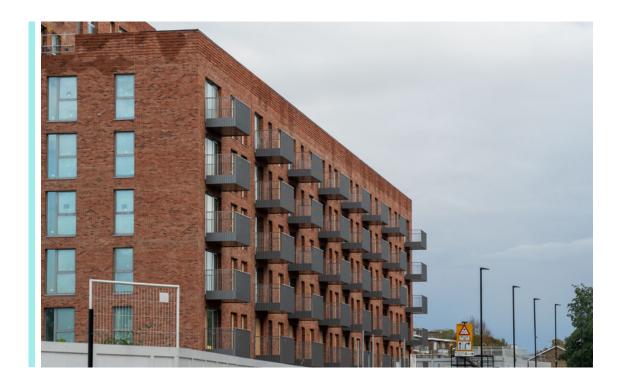
We were aware from an early stage that this plot of Deptford Landings had a small site footprint to work with and very limited on-site storage available. This meant that not only



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
Casette® 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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