



Case Study



London Dock
Block A&B



London Dock Block A&B

Client: St George

Contractor: St George

Architect: Patel Taylor Architects

Location: Wapping, London

Balconies: 342



Challenge

This project called for unique detailing and an exacting specification resulting in a luxurious aesthetic. A specific gold was chosen for the vertical bar balustrades to add interest to the building exterior and break up the façade.

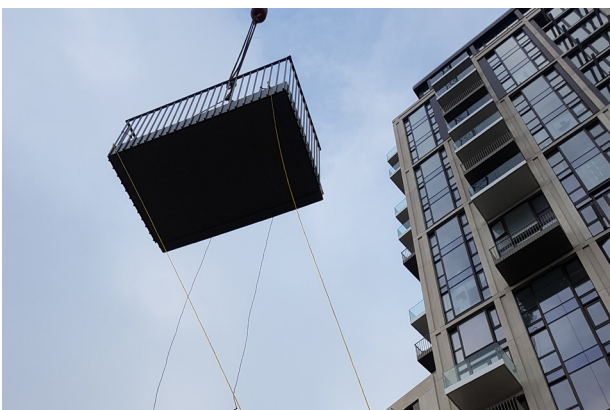
Another challenge was that the fountains and landscaping had been completed prior to balcony install meaning an expensive 500 tonne crane was needed to provide the necessary reach.



Solution

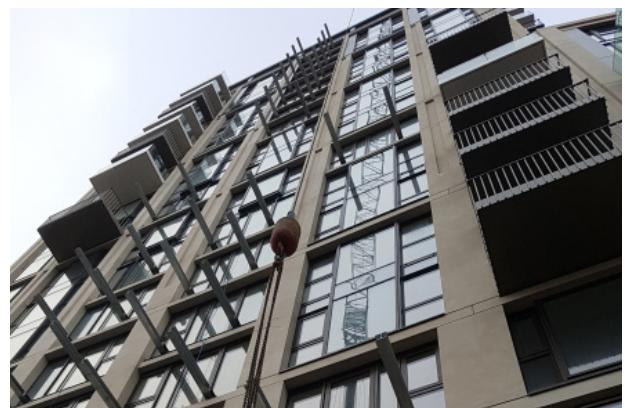
To deliver the unique aesthetic specified a bespoke vertical bar design was created and polyester powder coated with the precise gold required. Abseiling hooks were also incorporated into the balcony soffits for easier cleaning.

An essential requirement of the project was that the balcony install was smooth and efficient to keep the crane costs to a minimum. Thanks to the innovative Glide-On™ system all the balconies were quickly and easily installed and only needed to be bolted to the support arms and the final planks of decking fitted.



Rigid.Ready.Right.

- Step 1** Cast in anchors were cast into the slab & incorporated thermal break connections offering superior rigidity to the balconies.
- Step 2** Cassette® balconies were preassembled offsite, including the balustrades, decking & soffits.
- Step 3** Cassette® balconies were transported with balconies 'nested' onto each pallet making transport both cost effective & safe. Balconies were pre-slung offsite ready for installation upon arrival.
- Step 4** Once lifted into position, the Cassettes® simply Glide-On™ to the pre-erected support arms, before completing the simple mechanical fixings.





NBS Specification

London Dock Block A&B

Manufacturer	Sapphire Balconies Ltd 11 Arkwright, Road Reading, RG2 0LU 0844 88 00 553 sales@sapphire.eu.com www.sapphire.eu.com
Reference:	Type 1 – Glide-On™ aluminium Cassette® balconies with Crystal® frameless, structural glass. Type 2 – Glide-On™ aluminium Cassette® balconies with 40 x 12mm polyester powder coated aluminium flat vertical infill bars.
Balcony anchor:	Cast-in anchors incorporating thermal breaks.
Arms:	2-piece galvanised steel.
Cassette® structure:	Standard 400mm modular Glide-On™ Cassette® balconies.
Soffits:	Polyester powder coated aluminium controlled draining soffits.
Deck finish:	Enjura WPC composite decking fixed with hidden clips.
Toprail:	Type 1 – 22 x 22mm (nominal) 'U' shaped satin anodised aluminium capping to top of glass. Type 2 – Profiled polyester powder coated aluminium
Guarding:	Type 1 – 21.5mm clear toughened laminated structural glass panels PVB interlayer. Type 2 – 40x12mm polyester powder coated aluminium vertical bars.
Base fixing:	Mechanically fixed to Cassette®
Fascias:	Type 1 – Polyester powder coated aluminium fascia trim to conceal glass fixings/ edge of balcony frame. Type 2 – Polyester powder coated aluminium fascia trim to conceal edge of balcony frame.



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