



Case Study



Southall Waterside,
Phase A, West London

“ I found the management team & installers great to deal with. Works were always completed on time & to high standards.”

Project Manager, St George (Part of Berkeley Group)



Southall Waterside

Client: Berkeley Group

Contractor: St James Group

Architect: JTP Architecture

Location: Southall, West London

Balconies: 134 Cassettes®



Challenge

Southall Waterside is a 45 ha site siting alongside the Great Western Railway, in the London borough of Ealing. This multi-phase scheme is one of London's largest regenerations projects and will deliver over 3,500 homes to the borough. Simplicity for contractors and speed of install were the two biggest challenges to the client.







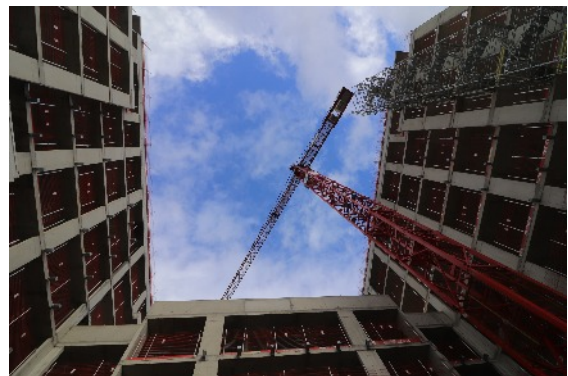
Solution

Using Sapphires anchors, which come pre-assembled with templates to assist installation, the contractors were able to cast in the anchors with simplicity and could be sure that the anchors were aligned due to the template provided. The initial phases of this scheme are low-rise residential blocks and the benefit of having lightweight Sapphire balconies allowed the client to remove the tower crane and install balconies with mobile cranes, saving the additional costs. The Glide-On™ Cassette® balconies also meant the client was able to increase the speed of install with the mobile cranes installing 58 balconies over a 3-day period.



Rigid.Ready.Right.

- Step 1**  Sapphire anchors incorporating thermal breaks are cast-in to the slab , pre-fitted with 1-piece steel arms connected to anchor on the first blocks, 2-piece arms thereafter.
- Step 2**  Balconies Cassettes® are manufactured and assembled at Sapphires Winchester production facility.
- Step 3**  Balconies complete with balustrades, decking, soffits and fascias are delivered Right for installation.
- Step 4**  Using Sapphire's innovative install equipment balconies were installed rapidly, with installers safely inside the apartments, and without need to install soffits afterwards.





NBS Specification

Southall Waterside

Manufacturer	Sapphire Balconies Ltd 11 Arkwright Road Reading RG2 0LU 0844 88 00 553 sales@sapphire.eu.com www.sapphire.eu.com
Reference	Glide-On™ aluminium Cassette® balconies with polyester powder coated vertical infill bars.
Balcony anchor	Sapphire cast-in anchors with permanent edge shutter and thermal break, supplied by Sapphire to be installed by RC Frame Contractor.
Arms	1-piece galvanised steel support arms pre-fitted onto anchor assembly for casting-in.
Cassette® structure	Standard 400mm modular Glide-On™ Cassette® balconies. Factory assembled aluminium slide on cassette with integral deck and free-draining soffit.
Soffits	Polyester powder coated aluminium perforated free-draining tray with visible colour matched fixings.
Deck finish	Enjura FRS wood/plastic composite decking boards.
Toprail	Rectangular profiled polyester powder coated aluminium.
Guarding	40 x 12mm polyester powder coated aluminium flat vertical infill bars at nominal 100mm centres.
Base fixing	Mechanically fixed to Cassette® in front of fascia.
Fascias	Polyester powder coated aluminium flat fascia trim behind bars/conceal edge of balcony frame.





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