



Case Study



Millwrights Place &
Coopers Court, Bristol

“ *From a building manager’s point of view, I’ve had no problems at all – ten out of ten.* ”

Iestyn Francis, Building Manager, Willmott Dixon



Millwrights Place & Coopers Court, Bristol

Client: Cubex Land Ltd

Willmott Dixon Construction

Contractor: Willmott Dixon Construction

Architect: The Bush Consultancy

Location: Bristol, North East Somerset

Balconies: 126 balconies in two colours, black and gold, across 5 types



History

Located in Bristol's city centre, just minutes away from the bustling Cabot Circus shopping centre, Millwrights Place sits on the former site of the Avon Fire & Rescue headquarters, next door to their current fire station. Situated over the river from Bristol's historic Castle Park, Millwrights Place is just a stone's throw from the city centre and this brand-new development of 231 private rental apartments provides both amenities for the working population and a useful link to the city centre.



Challenge

With Millwrights Place & Cooper's Court being both an inner-city job, in the heart of Bristol, and located next door to a busy fire station, there were a number of logistical challenges that came with providing balconies both quickly and without disturbing the peace in the area.

Having worked on all the blocks on this project, the challenges largely came from the need to fit large, dual-apartment balconies without disturbing the functions of the local fire station. Beyond this, getting balconies to the inside of the complex's courtyard was a further challenge that we were eager to meet.



Solution

Sapphire approached the challenges faced by Willmott Dixon with quick and simple solutions. Our offsite production facilities allowed us to manufacture all the balconies ahead of time and deliver them to the site once ready, meaning balconies were able to be fit onto the building without the need for cumbersome onsite storage.

Furthermore, fitting the balconies to the inside of the building was made simple through the use of our innovative Glide-On technology, meaning balconies could be simply lifted from the ground to the inside of the complex and fit in far less time than a bolt-on alternative.

Sapphire are proud to have helped to deliver seamless install for Willmott Dixon at Millwrights Place and are proud to have left our stamp on another exciting development.



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

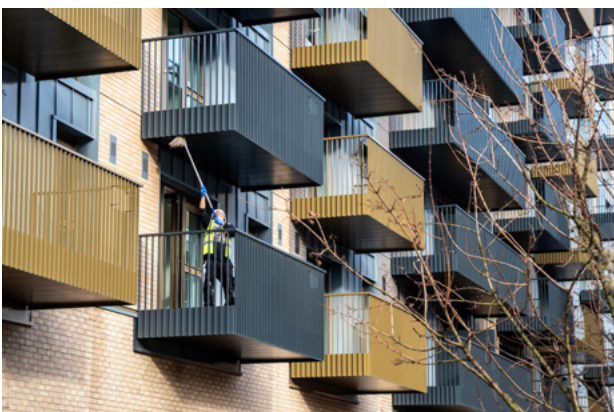
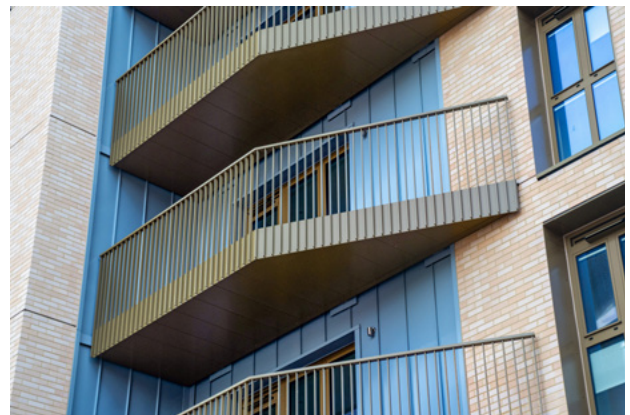
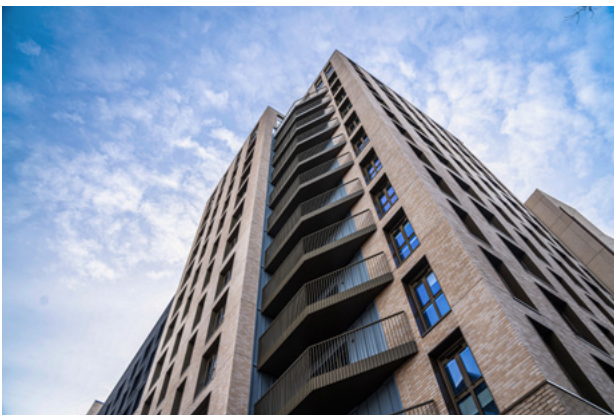
Cassette® balconies were preassembled offsite, including the balustrades, decking & soffits.

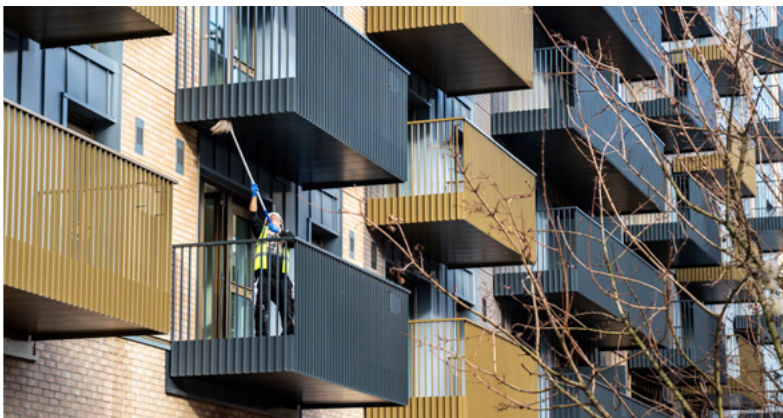
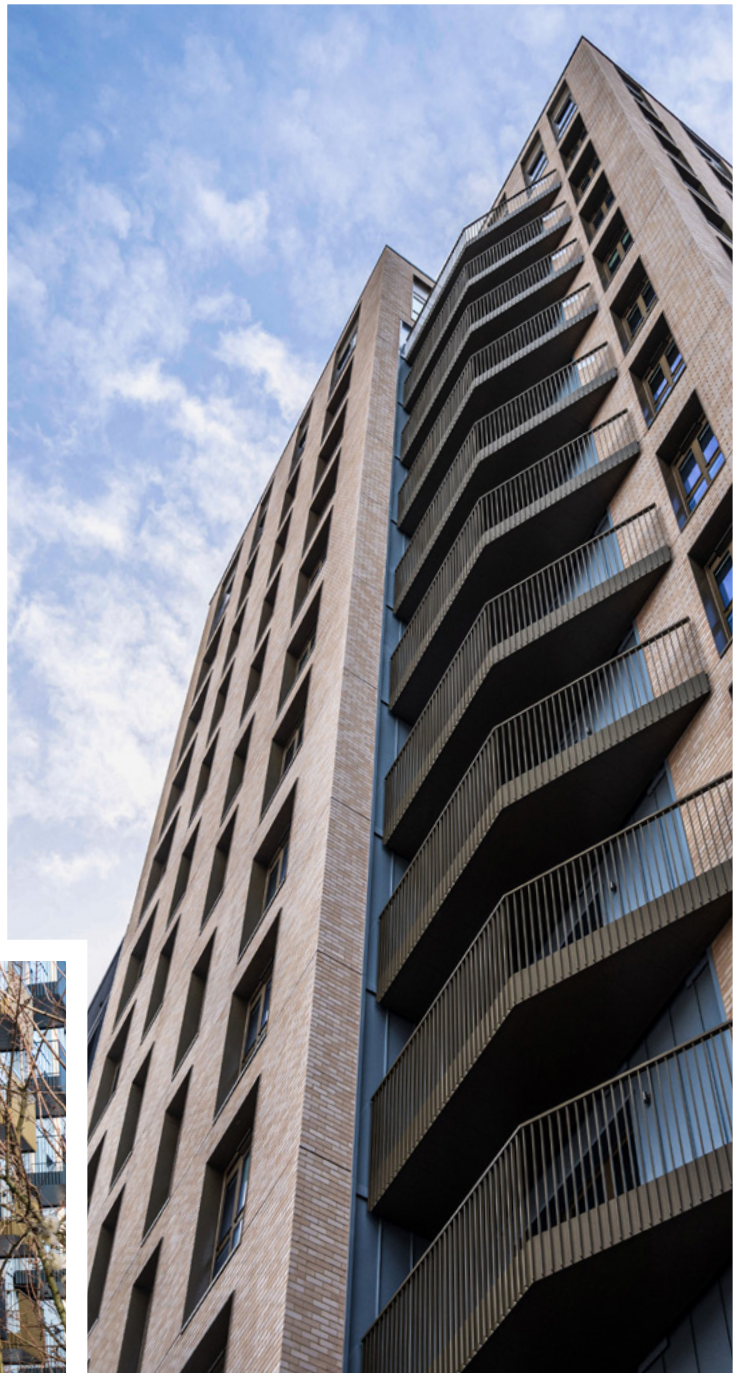
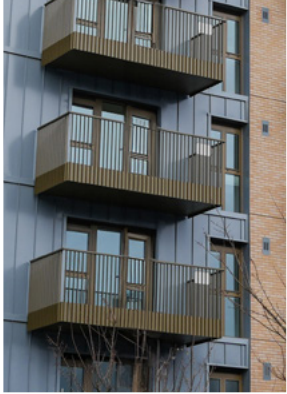
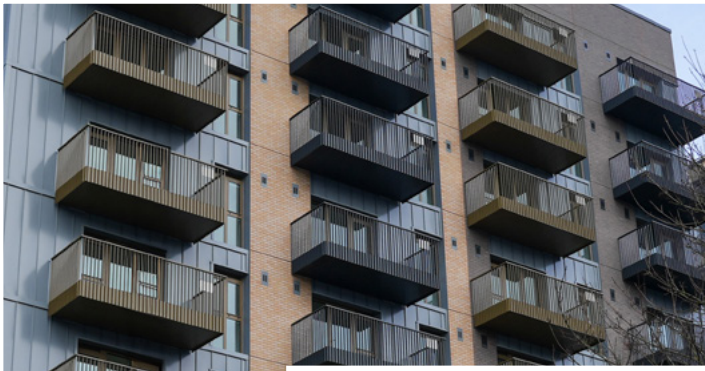
Step 3

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

Millwrights Place & Coopers Court, Bristol

Manufacturer: Sapphire Balconies Ltd 11 Arkwright, Road Reading, RG2 0LU
0844 88 00 553
sales@sapphire.eu.com
<https://balconies.global>

Reference: Glide-On™ aluminium Cassette® balconies with vertical bar balustrades

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: 0 Vista RAL 8019 & 7016 composite decking fixed with hidden clips

Toprail: 60 x 35mm tapered top rail (RAL 7016 & 7008) capping

Guarding: 40 x 12mm bars (RAL 7016 & 7008)

Base fixing: Mechanically fixed to Cassette®

Fascias Behind-bar integrated fascia in RAL 7016 & 7008





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All facts have been carefully collated and were accurate when researched; these may become out of date. Sapphire takes no responsibility for this. MD100224SE

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