



Case Study



Green Park Extra Care,
Reading

“Support wise has been fantastic... The quality is exceptional.”

Director, Berkeley Group





Green Park, Reading

Client: Berkeley Group

Contractor: St Edwards

Architect: Broadway Malyan

Location: Reading, Berkshire

Balconies: 50 Cassettes®



Challenge

Green Park Extra Care in Reading is an example of true workmanship and the installation of 50 Glide-On™ Cassettes®, was not without its challenges. On this project challenges included complicated inset balconies in various locations on the building and previous experience with multiple trades working on balconies.



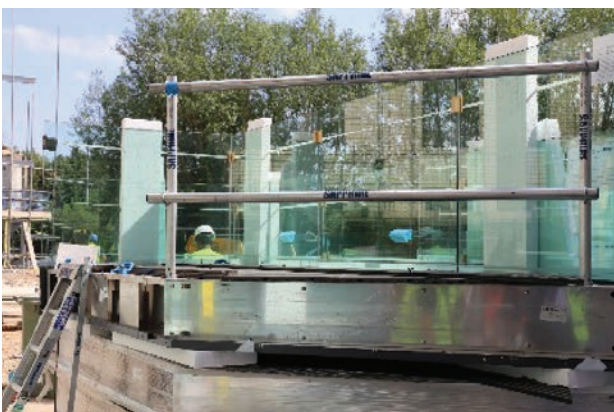
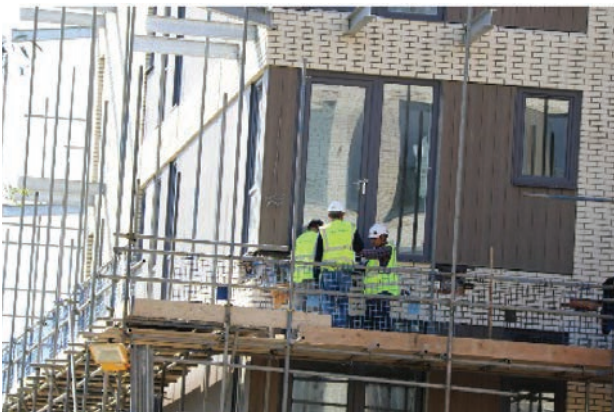
Solution

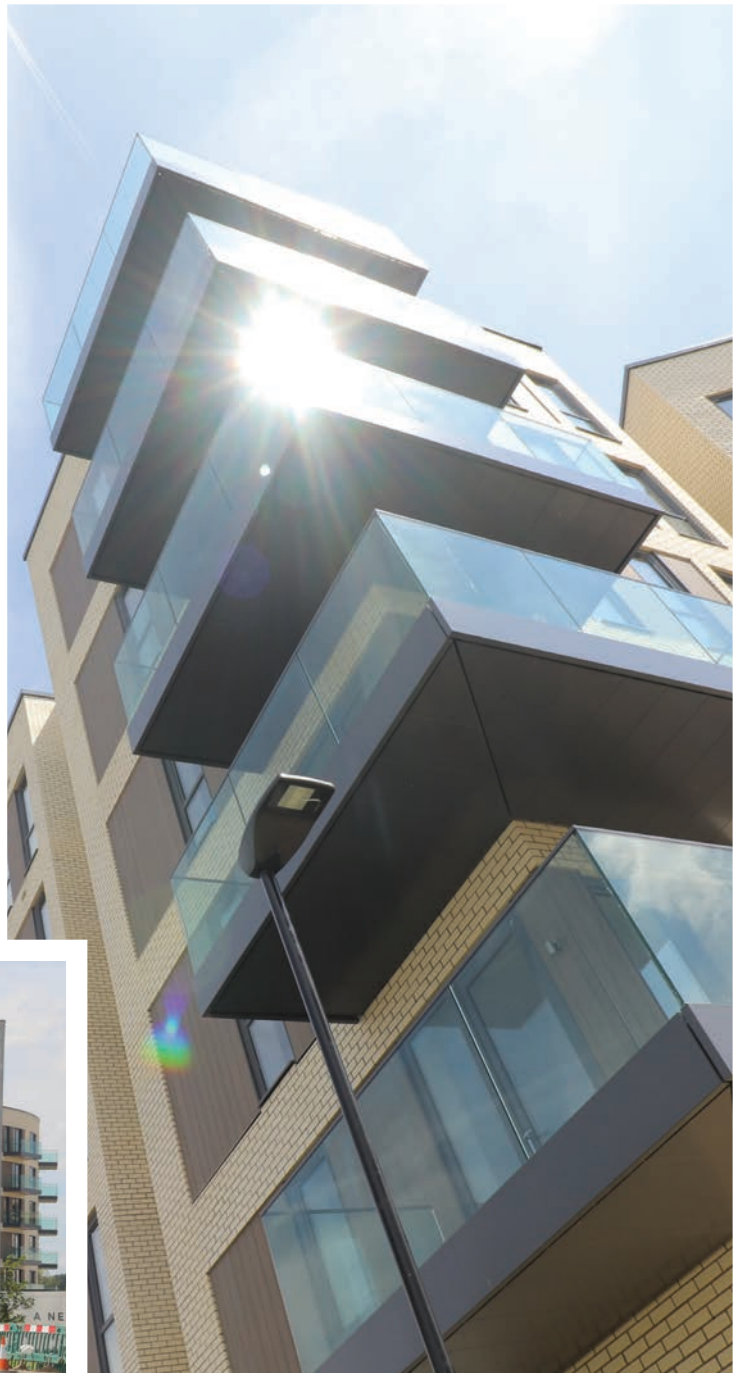
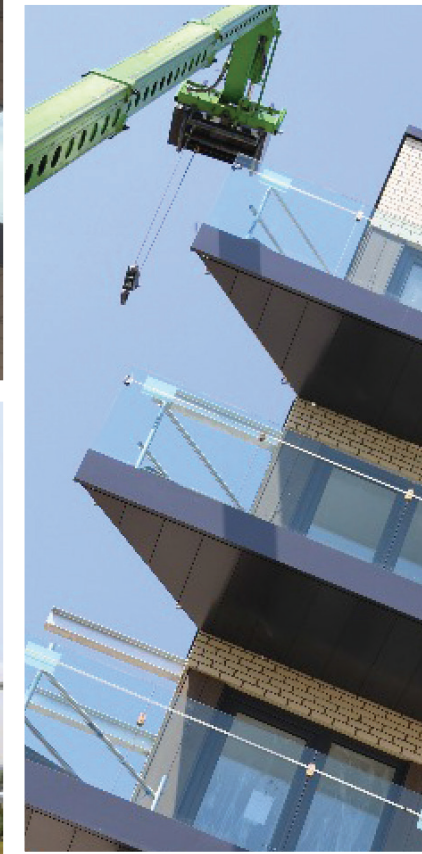
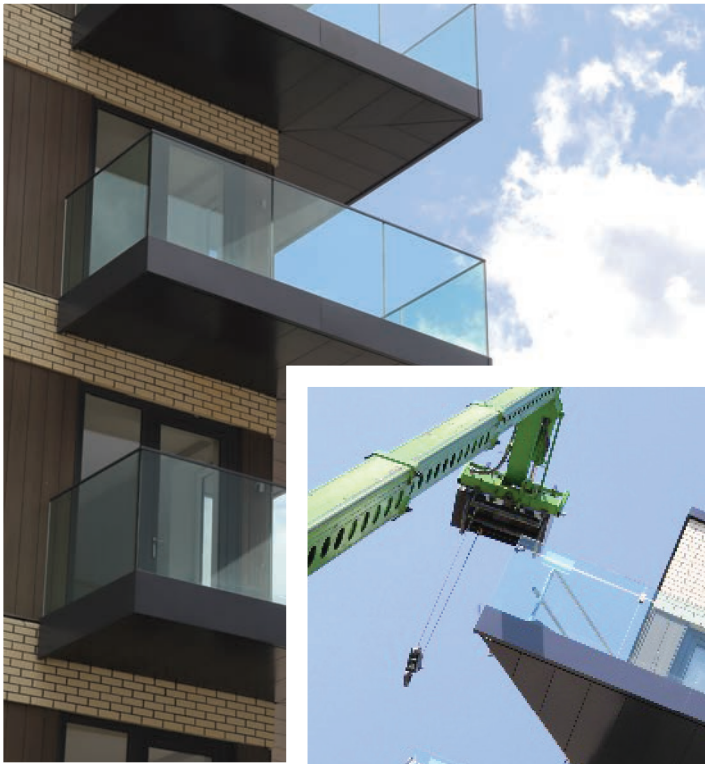
In order to meet the clients requirements and provide the best solutions, Sapphire was able to build in large amounts of tolerance to overcome the challenging brickwork in tight inset balconies. Being assembled in Winchester, the balconies were delivered to site with soffits and glass completed, meaning significantly less individuals were involved in each balcony install. With Sapphire's Glide-On™ system, the client was able to see significant benefits to site schedules through a rapid install sequence and innovative balcony solutions.



Rigid.Ready.Right.

- Step 1** This scheme used 234 Schoeck anchors which were cast-in to the slab. Sapphire's brackets connected to these, taking the bracket from the thermal break within the cavity to outside of the finished facade.
- Step 2** All the Cassettes® were preassembled at Sapphire's Winchester production facility and stored until delivery to site.
- Step 3** Sapphire's Glide-On™ system enabled rapid installation of balconies as they arrived on site ready to be installed. Each balcony was then simply lifted into position and slid onto the arms.
- Step 4** Using the innovative Counter Balance Lifter (CBL) the balconies were able to be installed top down as the scaffolding was struck.





NBS Specification

Green Park, Reading

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 Crystal® frameless, structural glass.
Balcony anchor:	Cast-in Schoeck® anchors incorporating thermal breaks.
Arms:	2-piece galvanised steel.
Cassette® structure:	Standard 400mm modular Glide-On™ Cassette® balconies. Factory assembled, with integral deck and soffit.
Soffits:	Polyester powder coated aluminium soffits, free draining to front of balcony.
Deck finish:	Enjura WPC composite decking fixed with hidden clips.
Toprail:	22 x 22mm (nominal) 'U' shaped polyester powder coated aluminium capping to top of glass.
Guarding:	21.5mm clear toughened laminated structural glass panels with screenprinted obscure band to conceal balcony frame.
Base fixing:	Mechanically fixed to Cassette® using bobbin point fixings. Polyester powder coated point fixings, colour matched to obscure band.
Fascias:	Stainless steel point fixing discs with no fascia.





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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. MD090120MM

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