



Case Study



Isopad House,
Borehamwood

“ It makes installing balconies to high-rise residential developments so much simpler, faster and safer. ”

Director, Thomas Anderson Steels





Isopad House, Borehamwood

Client: Heronslea Limited

Contractor: Jaysam Contractors

Architect: Assael Architecture

Location: Borehamwood, Hertfordshire

Balconies: 94 Cassettes®



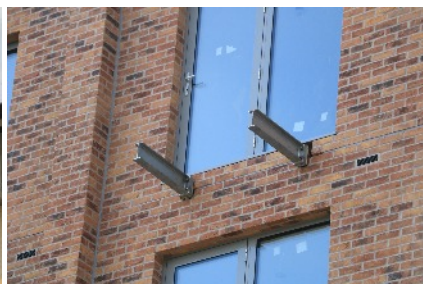
Challenge

Located in the centre of Borehamwood, Isopad House is a residential development providing approximately 150 high-quality apartments. It was created by Assael using a contemporary design approach, with a vision of the statement building acting as a 'gateway' development. Integral to developer Heronslea was our presence & support in an inaugural, supply only deal.



Solution

We quashed the developer's apprehensions rapidly by maintaining strong communication & demonstrating presence onsite during installs. We provided ongoing support throughout the balcony install process, listening to concerns and quickly resolving any minor issues. True to our core values, we delivered by exceeding expectations and ensuring matters were dealt with both fairly and efficiently. Thomas Anderson Steels, a trusted Sapphire install partner, were on site with our support fitting the Glide-On™ Cassette®. The prefabricated balconies arrived ready for install and were then fitted onto the pre-erected support arms, ensuring rigidity. Completing the 94 Cassette®, Rigid. Ready. Right.





Step 1

Cast in anchors were cast into the slab & incorporated thermal break connections offering superior rigidity to the balconies. Areas with deep internal floor build up had post fixed connections bolted to the top of the slab.

Step 2

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

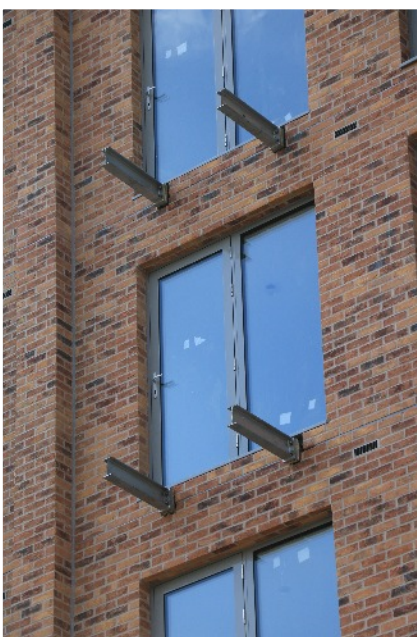
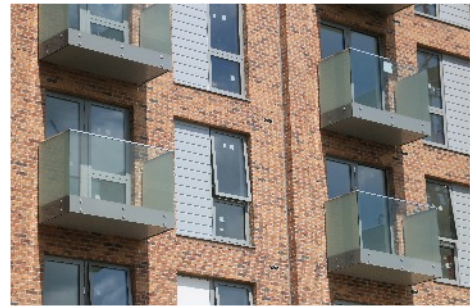
Step 3

Cassette® balconies were transported via steel pallets on trailers with four balconies 'nested' onto each pallet making transport both cost-effective & safe.

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

Isopad House, Borehamwood

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	Post fixed & Cast-in anchors incorporating thermal breaks.
Arms	2-piece galvanised steel arm.
Cassette® structure	Standard 400mm modular Glide-On™ Cassette® balconies. Factory assembled aluminium slide on cassette.
Soffits	Polyester powder coated aluminium, sloping to the front, free draining (controlled drainage).
Deck finish	Enjura FRS wood/plastic composite decking boards. Fixed with hidden clips.
Toprail	27 x 22mm (nominal) 'U' shaped ppc aluminium capping to top of glass
Guarding	17.5mm clear toughened laminated structural glass panels with screen-printed obscure band to conceal balcony and decking edge.
Base fixing	Mechanically fixed to Cassette® using bobbin point fixings
Fascias	Structural glass panels with screen-printed obscure band to conceal balcony edge.





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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. MD020419RJC

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