



Case Study



Wheatstone House, Chiswick

Wheatstone House, Chiswick

Client: L&Q Group

Contractor: L&Q Group

Architect: Collado Collins Architects
Fraser Brown Mackenna
(FBM) Architects
Rapleys LLP

Location: Chiswick, London

Balconies: 43 balcony lifts



History

Wheatstone House in Brentford stands prominently beside the bustling Brentford flyover, marking its presence at a busy intersection. This strategic location demanded a balcony design that not only complemented the urban setting but also addressed the specific challenges associated with its high-traffic environment. In partnership with L&Q and their Quadrant Construction division, Sapphire embarked on a mission to develop balcony solutions that would meet the project's unique needs while enhancing the residential experience for Wheatstone House occupants.



Streamlined by Innovation, Delivered by Sapphire

The collaborative process began with Sapphire presenting their CPD to L&Q and Quadrant Construction, offering vital insights into the essential principles of successful balcony integration. This initial step laid the groundwork for a detailed examination of the project specifics, leading to significant design and implementation strategy refinements.

A critical aspect of the collaboration was optimising the balcony anchor design. By streamlining this component, Sapphire ensured a robust and efficient connection between the balconies and the building, crucial for the structural integrity and safety



of the installations. Additionally, key decisions regarding glazing privacy and safety were meticulously evaluated. The choice to use laminate glass over monolithic options for the balcony glazing reflected a commitment to resident safety and privacy, aligning with the highest standards of building regulations and resident comfort.

Furthermore, Sapphire ingeniously incorporated drainage solutions into the underside of the balconies. This approach not only simplified water management but also proved to be a cost-effective strategy, eliminating the need for complex and expensive drainage systems. By integrating the drainage directly into the balcony design, Sapphire was able to ensure that water management was both efficient and aesthetically pleasing, avoiding the visual clutter often associated with external drainage solutions.

Wheatstone House, Brentford, exemplifies the power of targeted collaboration and innovation in addressing the specific challenges of urban development. Through their partnership with L&Q and Quadrant Construction, Sapphire Balconies demonstrated their expertise in delivering tailored balcony solutions that enhance both the functionality and the aesthetic appeal of residential buildings. The project stands as a testament to Sapphire's ability to simplify the balcony journey, from conceptualisation to implementation, ensuring that each design element contributes to a coherent and practical urban living space.



NBS Specification

Wheatstone House, Chiswick

Manufacturer Sapphire Balconies Ltd 11 Arkwright, Road Reading, RG2 0LU
0344 88 00 553
support@balconies.global
www.balconies.global

Reference Glide-On™ aluminium Cassette® balconies with Crystal® frameless, structural glass

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 MyDek® A2 decking fixed with hidden clips

Toprail Standard capping to the top of frameless structural glass

Guarding Frameless, structural glass

Base fixing Mechanically fixed to Cassette®

Fascias Polyester powder-coated aluminium fascia trim to conceal glass fixings/edge of balcony frame



Sapphire reserves the right to alter specifications and designs without prior notice. Most designs are owned / registered by Sapphire most of which are protected by registered designs, trademarks and patents. All details are given as guidance only and may vary according to project application.

© All rights reserved, no part of this publication may be reproduced in any material form (including photocopying or storing it in any medium by electronic means and whether or not transiently, or incidentally to some other use of this publication) without the written permission of the copyright owner. Application for the copyright owner's permission to reproduce any part of this publication should be addressed to Sapphire.

All information has been carefully collated and efforts were made to ensure accuracy at the time of publication. Sapphire takes no responsibility for inaccuracies after the date of publication. MD011124SJE

 0344 8800 553
 www.balconies.global
 support@balconies.global

Sapphire Balconies Ltd
11 Arkwright Road, Reading, RG2 0LU

 **SAPPHIRE**[®]