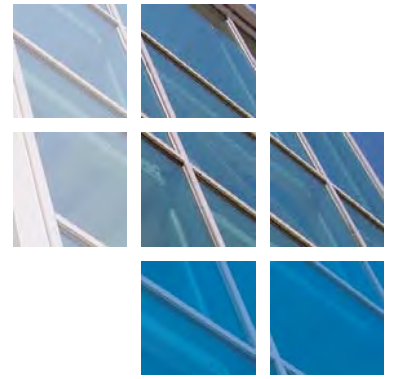




comar

ARCHITECTURAL ALUMINIUM SYSTEMS



Window Refurbishment, Barrie House, London.



Comar Architectural Aluminium Systems, with their approved fabricator Anglia Fixing Limited, supplied thermally efficient Comar 5P.i HSW and Comar 5P.i casement, tilt & turn windows with Comar 7 doors to Barrie House, an 8 storey residential block of flats close to Regents Park in a prestigious area of London.

Anglia Fixing and Comar's design team worked very closely, with Kalemminster Ltd and the residents from the pre-tender stage onwards to ensure that the residents design requirements and budget costs were acceptable to all parties involved. As the tenants were contributing to the cost of the refurbishment, their considerations and requirements were paramount. The refurbishment was undertaken whilst the building was occupied and consultation at every stage was vital. The building consisted of large horizontal sliding windows which had come to the end of their life cycle. The original windows were not thermally broken and because of their size and age were difficult to open and close. Due to the lack of thermal break the windows allowed greater heat loss in the winter and heat gain in the summer, which then led to increased energy bills. Residents can now benefit economically with the new energy efficient, thermally broken Comar 5P.i windows.

The Comar 2 suite of thermally broken window walling sections were installed to the staircase areas. A variety of Comar 5P.i windows were selected and Comar 5P.i HSW, 5P.i side hung casement and tilt and turn, 28mm double glazed units were installed with DUCO 80 adjustable trickle vents which provided free airflow per vent of 4000 - 8000mm². Integral restrictor devices and push button key locking cockspur handles were fitted to limit initial opening to 100mm. Comar 7 single action open out Pivot doors were fitted as 'Fire Exit' doors and internally beaded 28mm double glazed units laminated safety glass fitted to the inner pane with toughened safety glass to the outer pane. AXIM panic exit devices with concealed rod push paddle handles were fitted to the Comar 7 doors with anti-finger trap jamb stiles. All systems were finished in a Silver Metallic RAL 9006 to the windows and Brown RAL 8025 to the staircase screen and fire exit doors, both polyester powder coated to BS6496.

PROJECT DETAILS

Architects
Kalemminster Ltd

Fabricator
Anglia Fixing Ltd

Project Consultants
iCON Building Consultancy

Main Contractor
Danaher & Rolls, Beds

Project Value
£238,500

Systems Used
Comar 2, 5P.i HSW, 5P.i, & 7

Location
Regents Park, London



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The Parkside Group incorporates Comar Architectural Aluminium Systems, Alu-Timber, an aluminium/timber composite system of windows, doors and framing, Axim Architectural Hardware and Duco ventilation and sun control.

This provides a unique opportunity for specifiers and fabricators to rely on a single source for building envelope and integrated systems.

Comar
Comar Architectural Aluminium Systems is the largest British, privately owned aluminium systems company in Europe. Comar designs, extrudes and distributes over 700 integrated profiles to a nationwide approved fabricator network for use in aluminium ground floor treatment, window, door and curtain walling applications. Comar has built its reputation on delivery; over £5M of mill, white polyester powder coating, silver, bronze and anodised profiles are kept in stock. This means that 99% of orders are fulfilled by our customers' weekly delivery.

Alu-Timber - Merging Material Solutions. Creating sustainable, energy efficient buildings is a cornerstone of design.

Alu-Timber, a range of aluminium/timber windows, doors and framing, that combines sustainably grown FSC or PEFC timbers with 100% recyclable aluminium. Alu-Timber gives the specifier benefits: low U-values to achieve current legislation as well as reassurance for the client that the facade will last, with minimal maintenance.

Comar Duco
Comar-Duco produce market leading ventilation and sun control products that continually evolve to meet the latest demands that building regulations command. This comprehensive solution to provide single source aluminium facades, with ventilation and solar shading, incorporates Window Ventilation, including acoustic ventilation, Architectural Louvres, Continuous Louvre Walls and Solar Shading.

Axim
As part of the The Parkside Group, Axim supply a full range of architectural aluminium door hardware including: concealed transom closers, floor springs, surface mounted closers, flush bolts, panic exit devices, handles, letter plates and other ancillary items.

RIBA CPD Provider
The Parkside Group provides RIBA assessed CPD seminars to architects and specifiers throughout the UK. Please contact us for further details.

Nationwide Architectural Specification Team
Comar Architectural Aluminium Systems have a nationwide team of architectural advisors who specialise in providing architects and specifiers with project support and NBS specifications. Fabricators and installers are supported by a team of Territory Managers.



GROUND FLOOR TREATMENT	
COMAR 1	Single Glazed GFT
COMAR 3	Double Glazed GFT
COMAR 4	Single Glazed GFT
COMAR 8	Fin/Bead GFT
CURTAIN WALLING	
COMAR 6	Curtain Walling, Stick Build & Ladder Frame, Square Cut & Step Cut.
COMAR 6	EFT Structural Glazing 2 & 4 sided
DOORS	
COMAR 7	Doors, Folding, Sliding, Swing & Polyamide Rebated.
WINDOWS	
COMAR 5	Windows, 45mm, 50mm, 55mm, 60mm & 75mm Polyamide.
WINDOW WALLING	
COMAR 2	Feature Wall T.B. Window Walling, Thermally Broken.
COMAR 9	High Performance Window, Doors & Framing



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