



## Premier Inn Hotel, Cambridge.



Comar Architectural Aluminium Systems, with their approved fabricator PAGE Group (Peterborough) Limited, supplied Comar 2 window walling, Comar 5P.i thermally broken windows, Comar 6 curtain walling and Comar 7 doors for this new build Premier Inn Hotel in Cambridge. A key consideration for the project was that acoustic glazing was installed to both the bedrooms and the barrier glazing in the stair towers.

A striking glazed façade was created using Comar 6 in the main entrance and stairwell. Comar 6 curtain walling stick build with standard capping, pressure equalised externally glazed was selected. External pressure plates, seals and cappings fixed on internal mullions and transoms create large contemporary entrances and glazed areas.

Comar 5P.i high and low level top hung casements and matching fixed lights were internally beaded and fitted with stainless steel projecting friction hinges and an integral restrictor. Duco trickle vents through Comar head extension bars providing minimum free airflow of 8000mm<sup>2</sup> per vent were also installed. Comar 2 framing was used for the subframe and Comar 7 pivot doors were installed to the main entrance and fitted with AXIM concealed overhead door closers with a 90° hold open facility and 'anti-finger trap' stiles. The pivot doors were internally beaded and glazed with 24mm DG units using a laminated glass to the inner pane and a 14mm Argon filled cavity between the panes.

All Comar systems were finished with a Dark Grey RAL 7043 satin finish to BS6496.

All Comar approved fabricators are required to have the technical expertise to attend pre-site meetings and provide detailing. PAGE Group (Peterborough) Limited liaised closely with the specifiers to provide design advice and detailing which ensured the project ran smoothly and met site deadlines.

### PROJECT DETAILS

Architects  
Axiom Architects.

Fabricator  
PAGE Group (Peterborough) Limited

Main Contractor  
Speymill Contracts Ltd.

Project Value  
£359,000

Systems Used  
Comar 2, 5P.i, 6 & 7

Location  
Cambridge



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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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