



comar

ARCHITECTURAL ALUMINIUM SYSTEMS



Buckingway Business Park.



Comar Architectural Aluminium Systems, with their approved fabricator Anglia Fixing Limited, supplied Comar 5P.i thermally broken windows, Comar 6 curtain walling and Comar 7 doors for a new build industrial project for Canmoor & Kilmartin Developments Ltd., Cambridgeshire. Anglia Fixing had an established relationship with the developers and recommended Comar Systems for the project.

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 to create large contemporary entrances and glazed areas to contrast with the light brick and cladded building. 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 8000mm² per vent were also installed.

Comar 7 pivot doors were installed for 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 28mm DG units. A Cool-Lite SKN174 solar control outer pane providing a 'U' value of 1.2 was used and all glass was toughened heat soaked.

All Comar systems were finished in a matt dark grey RAL 7016 colour polyester powder coat to BS6496.

All Comar approved fabricators are required to have the technical expertise to attend pre-site meetings and provide detailing. Anglia Fixing 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
Kilmartin London Limited.

Fabricator
Anglia Fixing Limited.

Main Contractor
Mitchell Design & Construct Ltd.

Project Value
£350,000

System Used
Comar 5P.i, 6 and 7

Location
Swavesey, Cambridgeshire.
Architects



Buckinghamway Business Park.

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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