



comar

ARCHITECTURAL ALUMINIUM SYSTEMS



Durham University, Sports Hall.



Comar Architectural Aluminium Systems, with their approved fabricator Hadrian Architectural Glazing Systems Ltd, supplied Comar 2 Window Walling, Comar 5P.i thermally broken windows, Comar 6EFT curtain walling and Comar 7 doors for a contemporary new build Sports Hall which forms part of the facilities at Durham University.

Hadrian Architectural Glazing Systems Limited have a good relationship with the developer and were able to reassure them that this project could be completed within the restraints of the budget and that Comar 6EFT Curtain Walling system complied with the latest CWCT standards. Comar 6EFT mullion drained thermally broken curtain walling system in 'stick' construction with external capping, pressure equalised and drained in accordance with BS6262, was installed to create the large glazed areas to the front of the building.

Comar 2 Screens were constructed using thermally broken sections and fixed panes. Comar 5P.i top hung casement inserts were manufactured from polyamide thermally broken sections hung on heavy duty stainless steel friction hinges with a restrictor device to limit the opening to 100mm, fitted with push button key locking cockspur handles. Trickle vents were incorporated through a Comar 5P.i header bar which provided free airflow per vent of 4000mm².

In any busy education environment Comar7 commercial door sets are a natural choice not only are they available in swing, pivot, sliding, auto-sliding and sliding folding, they have been designed specifically for commercial applications where high traffic solutions are required.

All Comar approved fabricators are required to have the technical expertise to attend pre-site meetings and provide detailing. Hadrian Architectural Glazing Systems Ltd liaised closely with the specifiers to provide design advice and detailing which ensured the project ran smoothly and met site deadlines.

PROJECT DETAILS

Architects
GSS Architects, Harrogate

Fabricator
Hadrian Architectural Glazing Systems

Main Contractor
Surgo Construction, Newcastle

Project Value
£40,000 (Aluminium)

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

Location
Co. Durham



Durham University, Sports Hall.

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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