



comar

ARCHITECTURAL ALUMINIUM SYSTEMS



Rodbaston Campus, South Staffs College.



Comar Architectural Aluminium Systems, with their approved fabricator Allied Glazing Systems Ltd., completed this eye-catching new build project: The New Foster Centre for Learning. It is a state-of-the-art teaching facility on South Staffordshire College's Rodbaston Campus, which is home to over 20,000 students across four campuses. This college was one of just 46 colleges out of a total of 129 that were successful in their application for Enhanced Renewal Grants.

The 1500m², two-storey steel framed building achieved a BREEAM rating of 'Excellent' and is clad with gabions, timber and curtain walling. The centre features the latest environmentally friendly technologies and practices. The majority of the building is naturally ventilated; a Building Management System (BMS) has been installed to let building users know whether the windows should be open or closed, ensuring optimum ventilation and cooling efficiency. A design feature was the use of abundant natural day lighting which provides a sense of well being. This, coupled with PIR light occupancy sensors, reduces the need for artificial lighting. Additional features include low energy services, such as thermal massing within the structure of the building to aid cooling in the summer and to provide heat in winter, rainwater harvesting and a renewable energy heating system fuelled by locally sourced wood-chip fuel from sustainably managed woodlands.

The building's recessed entrance and picture frame windows provide architectural features to the westerly views of the building. The new facility includes state-of-the-art classrooms, a large refectory with an outdoor terrace, catering kitchen and a shop.

A key consideration in the design was timing and being able to meet a very tight build deadline of 35 weeks to ensure the building was open and operating within 12 months. All Comar approved fabricators are required to have the technical expertise to attend pre-site meetings and provide detailing. Allied Glazing liaised closely with the specifiers to provide design advice and detailing which ensured the project ran smoothly and met site deadlines.

PROJECT DETAILS	
Architects	Maber Associates
Fabricator	Allied Glazing
Main Contractor	Wildgoose Construction
Project Value	£2.6m
System Used	Comar 5P.i, 6, 7 & 7P.i
Location	South Staffordshire



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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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