



Alu-Timber

Merging Material Solutions

Sir Robert Woodard Academy, West Sussex.



Alu-Timber and their approved fabricator, 3D Aluminium Plas, worked on a new build Academy in West Sussex. This new £28M Academy replaces the existing college and is the first of four for West Sussex Council. The state of the art learning facility, which specialises in Performing Arts and Mathematics, has allowed the previous college to expand its capacity from 1,100 to 1,400 students. Sponsored by the Woodard Trust, the Academy is inclusive of all faiths and caters for extensive community use. The design of this new building is predominantly naturally ventilated and Balfour Beatty Engineering Services have since been awarded a Considerate Contractors Award for the construction of this project.

Design freedom and solutions to modern environmental issues are a complex requirement. Alu-Timber EFT is a 60mm aluminium/timber curtain walling system which offers Capped, 2sided Structural Glazing with vertical or horizontal capping and 4sided Structural Glazing. Alu-Timber EFT provides internal thermally efficient Larch timber with time tested external aluminium for protection. To maximise spans and centres, a wide range of timber mullions and transoms are available and the inherent properties of timber provide two advantages: high strength and low U-values. All profiles are kept in stock which means challenging site deadlines can always be met. The extensive range of profiles creates options for large glazed framing areas which integrate seamlessly with Alu-Timber windows and doors. The complete Alu-Timber range includes casement, tilt & turn windows, open-in and open-out doors, framing and curtain walling.

All Alu-Timber approved fabricators are required to have the technical expertise to attend pre-site meetings and provide detailing. 3D Aluminium Systems liaised closely with the specifiers to provide design advice and detailing which ensured the project ran smoothly and met site deadlines.

PROJECT DETAILS

Architects
Architecture PLB

Fabricator
3D Aluminium

Main Contractor
Balfour Beatty

Project Value
£204K

System: Alu-Timber EFT
Curtain Walling, Framing,
Windows & Doors

Location :
Lancing, West Sussex



Sir Robert Woodard Academy, West Sussex.

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.

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 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.



RIBA CPD Provider

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

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.

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.

Technical Back-up & Training

At every stage of the tender process, Comar's Technical Department provide support and advice. Staffed by CAD design engineers, new profiles, design drawings and calculations can be obtained. To ensure the highest levels of fabrication and installation expertise, Comar offer a range of industry accredited and in-house training courses.



CURTAIN WALLING

Alu-Timber EFT - 60mm System.
2 & 4 sided structural glazing

DOORS

Open-in, Open-out & double doors.
65mm system, low threshold.

WINDOWS

Tilt & Turn & Casement, 65mm system.
Thermally efficient.

WINDOW WALLING

Thermally efficient, High span profiles to create 100mm & 150mm.
Windows & doors hang directly from frame.

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