



# Alu-Timber

Merging Material Solutions

UCL Academy, Swiss Cottage, London NW1



Alu-Timber completed a new build school in Swiss Cottage, London NW1. The UCL Academy is a mixed secondary school for pupil's ages 11-18 years. Specialising in Maths and Science the school enjoys a close relationship with nearby University College. BAM Construction were appointed by the London Borough of Camden for the redevelopment of the Swiss Cottage Specialist SEN School site. The project consisted of the demolition of three existing schools on the site, followed by the development of a new UCL Academy building and replacement of the two Swiss Cottage Specialist SEN School buildings into one building. The new building has achieved a BREEAM rating of Excellent.

Alu-Timber, from The Parkside Group Ltd., was specified due to the flexibility it offers. All profiles are kept in stock which means challenging site deadlines can always be met. The extensive range of profiles create 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. 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.

In an extremely busy education environment, Comar 7P.i Commercial Doors are a natural choice. Not only are they available in swing, pivot, sliding, auto-sliding and sliding/folding, they have been designed specifically for educational applications where high traffic solutions are required and comply with the Disability & Equality Act 2010.

## PROJECT DETAILS

**Architects:**  
Penoyre & Prasad Architects

**Main Contractor:**  
BAM Construction

**Project Value:** £450,000

**System Used:** Alu-Timber  
& Comar 7P.i CD

**Location:**  
Swiss Cottage, London NW1



## UCL Academy, Swiss Cottage, London NW1.

### 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 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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