



## Formby High School, Merseyside.



Comar Architectural Aluminium Systems, with their approved fabricator JPF Systems completed a full façade refurbishment for Formby High School in Merseyside. Replacing the old steel single glazed windows and doors the project was completed using the Comar aluminium P.i window, door and framing systems. The trademarked Polyamide Insulated (P.i) provides exceptional thermal performance and reduces heat loss through the thermal break delivering low U-values, therefore ensuring energy bills are minimised.

Comar 5P.i is available in all configurations, such as casement, top swing reversible, pivot, tilt/turn and sliding can be manufactured. Comar 7P.i Commercial Doors are available in swing, pivot, sliding, auto sliding and sliding folding. Both 5P.i and 7P.i systems can be hung directly into the Comar 9P.i framing therefore offering a truly integrated solution with fast track fabrication and installation. In a busy educational development Comar 7P.i Commercial Door systems are a natural choice as they have been designed specifically to be suitable for high traffic applications and were required to comply with the Disability & Equality Act 2010.

Comar 6EFT Curtain Walling, 4sided SG and capped was selected as it offers architects a flexible system, providing a structurally glazed solution, with options for facets, concealed vents and an extensive range of profiles that cater for large structurally glazed panes. Comar 6EFT 4sided SG also offers the slimmest silicon or EPDM joints in the industry, which means the eye-catching glazed area is maximised.

All Comar approved fabricators are required to have the technical expertise to attend pre-site meetings and provide detailing. JPF 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:** E3 Cube

**Fabricator:**  
JPF Systems

**Main Contractor:**  
Senate Construction

**Project Value:** £450K

**Comar Systems Used:**  
6EFT 4-sided SG & Capped,  
6EFT Concealed Vents,  
5P.i Advanced Vents,  
9P.i Ladder Frame & 7P.i CD

**Location:**  
Formby, Merseyside

## Formby High School, Merseyside.

**TPG - 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 £6M 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 TPG, 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

TPG 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 Project Managers.



### CURTAIN WALLING

**COMAR 6EFT** Structural Glazing 2 & 4 sided

### WINDOWS

**COMAR 5P.i** Windows, 55mm, 60mm & 75mm Polyamide insulation.

**COMAR 10** Passivhaus Window System

### DOORS

**COMAR 7P.i** Doors, Folding, Sliding, Swing & Polyamide Rebated.

### WINDOW WALLING

**COMAR 9P.i** High Performance Windows, Doors & Framing.

### GROUND FLOOR TREATMENT

**COMAR 1** Single Glazed GFT

**COMAR 3** Double Glazed GFT

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