



## Tower Wharf, Birkenhead.



Comar Architectural Aluminium Systems, with their approved fabricator LDG (Lancashire Double Glazing) completed the installation of aluminium curtain walling, windows and commercial doors to a new waterfront £8.6million flagship office block and call centre. Part of the Mersey Waters Enterprise Zone and the 500 acre Wirral Waters regeneration scheme, and built on previously derelict land, The Tower Wharf project saw the design of the 48,000 sq ft 4 storey office building which includes a roof terrace and office accommodation for around 800 staff. This project was also the Winner of Best Commercial Building at the 'RICS' 2016 Awards and the building achieved the BREEAM 'Excellent' rating for sustainability.

To maximise natural daylight and facilitate the large glazed areas Comar 6EFT was specified 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 also offers the slimmest silicon or EPDM joints in the industry, which means the eye catching glazed area is maximised. LDG could ensure that this project could be completed within the restraints of the budget. Complying with the latest CWCT standards Comar 6EFT systems are mullion drained thermally broken structurally glazed curtain walling system with drained capping, pressure equalised and drained is in accordance with BS6262.

In a market where energy efficient designs and meeting the demands of the latest Building Regulations are paramount Comar 5P.i Auto Opening Vent, thermally efficient polyamide insulated windows were specified. These aluminium windows offer outstanding weather performance and reduce heat loss through the trademark P.i thermal break ensuring low U-values so energy bills are minimised.

Comar 7P.i Commercial Door sets were the natural choice for this high traffic head office/call centre building. Comar 7P.i CD door sets can be hung from Comar 6EFT framing and are a natural choice for any busy environment. They are available in swing, pivot, sliding, auto-sliding and sliding folding options.

### PROJECT DETAILS

**Architect:**  
Falconer Chester Hall

**Main Contractor:**  
Eric Wright Construction

**Fabricator:**  
LDG (Lancashire Double Glazing)

**Project Value:** £1 m

**Systems Used:**  
Comar 6EFT, Toggle, 5P.i 60mm Auto Vents & 7P.i CD

**Location:**  
Birkenhead, Wirral



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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 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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