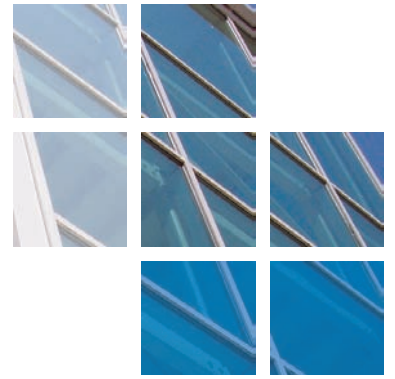




# comar

ARCHITECTURAL ALUMINIUM SYSTEMS



London Borough of Redbridge, Ilford, Essex.



Comar Architectural Aluminium Systems, with their approved fabricator Anglia Fixing Limited, supplied Comar 5P.i. windows for the complete window refurbishment of the London Borough of Redbridge imposing offices at Clements Road, Ilford, Essex.

This project had to be completed whilst the offices were occupied, with the majority of the work being carried out in the evening and at weekends. During the initial refurbishment process, asbestos was discovered and this had to be removed before the window installation could be completed. It was vital that the windows selected matched the 1960's façade. Exact planning conditions meant that Comar 5P.i. was a natural selection. Comar 5P.i.'s slim 60mm sight lines, in all configurations and ability to glaze large windows up to 45mm, ensured that the façade was updated with thermally efficient windows and created a contemporary façade with reference to the original design.

A variety of Comar 5P.i. windows were selected because Anglia Fixing could rely on Comar to deliver to these strict installation time schedules. Side hung casements were installed and these were both internally and externally beaded 28mm DG units. The windows were hung on heavy duty stainless steel friction hinges with integral restrictor devices to limit the initial opening to 100mm and an Espagnolette locking system operated by push button key locking handles in a white finish, completed with adjustable trickle vents through a side hung vent bar providing a free airflow of 4000m<sup>2</sup> per window.

Self cleaning Pilkington's ActivTM Blue and Pilkington's ActivTM Stipolyte (patterned obscure) toughened safety glass was fitted as the outer panes providing a centre pane 'U' value of 1.2/m<sup>2</sup>K.

All Comar approved fabricators are required to have the technical expertise to attend pre-site meetings and provide detailing. Anglia Fixing Limited liaised closely with the specifiers to provide design advice and detailing which ensured the project ran smoothly, adhered to strict budget restraints and met site deadlines.

## PROJECT DETAILS

Architects  
London Borough of Redbridge.

Fabricator  
Anglia Fixing Ltd.

Main Contractor  
Saltash Enterprises Ltd.

Project Value  
£147,500

System Used  
Comar 5P.i

Location  
Ilford, Essex.



# London Borough of Redbridge, Ilford, Essex.

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 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 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	
<b>COMAR 1</b>	Single Glazed GFT
<b>COMAR 3</b>	Double Glazed GFT
<b>COMAR 4</b>	Single Glazed GFT
<b>COMAR 8</b>	Fin/Bead GFT
CURTAIN WALLING	
<b>COMAR 6</b>	Curtain Walling, Stick Build & Ladder Frame, Square Cut & Step Cut.
<b>COMAR 6</b>	EFT Structural Glazing 2 & 4 sided
DOORS	
<b>COMAR 7</b>	Doors, Folding, Sliding, Swing & Polyamide Rebated.
WINDOWS	
<b>COMAR 5</b>	Windows, 45mm, 50mm, 55mm, 60mm & 75mm Polyamide.
WINDOW WALLING	
<b>COMAR 2</b>	Feature Wall T.B. Window Walling, Thermally Broken.
<b>COMAR 9</b>	High Performance Window, Doors & Framing

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