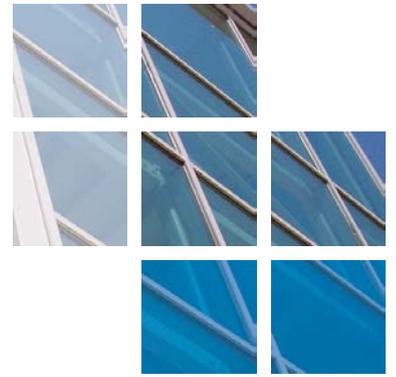




# comar

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. Exacting 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 Activ™ Blue and Pilkington's Activ™ Stipollyte (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.

**Comar, the leading British Aluminium Systems House, designs and extrudes over 700 aluminium profile sections. A team of specification consultants provide project-by-project design, calculations and NBS specification advice to architects. Comar distributes profiles to a nationwide network of fabricators for manufacture and installation.**

### Retail Aluminium Architecture

Inherent strength and slim sight-lines make Comar aluminium the specification product of choice for all retail outlets. Comar offers extensive systems which integrate to provide aesthetic appeal to potential retail customers.

Step through Comar 7, an extensive range of sliding, automatic, folding or swing doors. Overhead Comar 6 creates sloped, pitched or barrel vaults which cast light throughout the retail complex or outlet. Comar 1,3,4 & 8 integrate with Comar 7 to provide shop-fronts with various angle returns and height capability. Comar 6 curtain walling houses the envelope with a variety of cover caps which complement panels and glazing.

### Commercial Aluminium Architecture

Statement of function is the key element of commercial building design. From designing industrial units to corporate headquarters the flexibility of Comar Aluminium Systems can integrate with panel systems and provide curtain wall with opening vents and windows in a variety of configurations. Comar can

powder coat the aluminium system to your RAL, BS or Syntha Pulvin colour to complement the façade.

### Education & Public Building Aluminium Architecture

Comar have worked in conjunction with Local Authorities to design specific products for use in the education and public building sector. The nature of public building construction demands cost effective, robust solutions. Comar 2 is a cost saving alternative to curtain walling, creating glazed façades for medium rise buildings, stairwells and entrances. Comar 2 integrates with Comar 5 and 5LT windows with espagnolette locking handles to provide security and Comar 7 Doors with anti-finger traps to provide safety. Comar's integrated systems ensure a cost effective, aesthetic façade with security and safety as standard.

### RIBA CPD Provider

Comar provides RIBA assessed CPD Seminars to architects and specifiers throughout the UK. There are two seminars available; please complete the feedback for further details.

**Comar Architectural Aluminium Systems,  
Unit 5, The Willow Centre,  
17 Willow Lane, Mitcham,  
Surrey. CR4 4NX.**

**| tel: 020 8685 9685 |  
| fax: 020 8685 9696 |  
| email: projects@parksidgrp.co.uk |**



### GROUND FLOOR TREATMENT

COMAR 1 Single Glazed GFT

COMAR 4 Single Glazed GFT

COMAR 8 Fin/Bead GFT

### CURTAIN WALLING

COMAR 6 Curtain Walling, Stick Build & Ladder Frame, Square Cut & Step Cut.

### DOORS

COMAR 7 Doors, Folding, Sliding, Swing & Polyamide Rebated.

### WINDOWS

COMAR 5 Windows, 45mm, 50mm & 60mm Polyamide.

### WINDOW WALLING

COMAR 2 Feature Wall T.B. Window Walling, Thermally Broken.

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NAME: .....

ADDRESS: .....

COMPANY: .....

TEL: .....

FAX: .....

EMAIL: .....

I would like to hear more about Comar Architectural Aluminium Systems (Please tick):

Ground Floor Treatment   
Windows

Curtain Walling   
Doors

or I would like to be contacted by my local Comar project consultant.

**Please fax this form back to 020 8685 9696**

