



Buckingway Business Park, Cambridge.



Comar Architectural Aluminium Systems, with their approved fabricator Anglia Fixing Limited, supplied Comar 5P.i thermally broken windows, Comar 6 curtain walling and Comar 7 doors for a new build industrial project for Canmoor & Kilmartin Developments Ltd., Cambridgeshire. Anglia Fixing Ltd had an existing relationship with the contractor Mitchell Design & Construct Ltd and recommended Comar Systems for the project.

Comar 6 curtain walling stick build with standard capping, pressure equalised externally glazed was selected. External pressure plates, seals and cappings fixed on internal mullions and transoms to create large contemporary entrances and glazed areas to contrast with the light brick and cladded building.

Comar 5P.i. high and low level top hung casements and matching fixed lights were internally beaded and fitted with stainless steel projecting friction hinges and an integral restrictor. Duco trickle vents through Comar head extension bars providing minimum free airflow of 8000mm² per vent were also installed.

Comar 7 pivot doors were installed for the main entrance and fitted with AXIM concealed overhead door closers with a 90° hold open facility and 'anti-finger trap' stiles. The pivot doors were internally beaded and glazed with 28mm DG units. A Cool-Lite SKN174 solar control outer pane providing a 'U' value of 1.2 was used and all glass was toughened heat soaked. All Comar systems were finished in a matt dark grey RAL 7016 colour polyester powder coat to BS6496.

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 and met site deadlines.

PROJECT DETAILS

Architects
Michael Sparks Associates.

Fabricator
Anglia Fixing Limited.

Main Contractor
Mitchell Design & Construct Ltd.

Project Value
£350,000

System Used
Comar 5P.i, 6 and 7

Location
Swavesey, Cambridgeshire.

Buckingway Business Park, Cambridge.

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.

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GROUNDFLOOR 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

