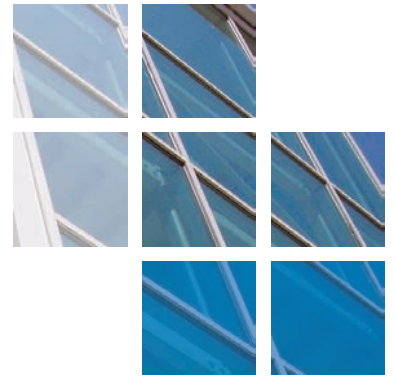




comar

ARCHITECTURAL ALUMINIUM SYSTEMS



Tabor High School - Braintree



Comar Architectural Aluminium Systems with Magnum, one of their top approved fabricators and installers, completed this High School project in Essex in May 2000. The project took 40 weeks to complete and ran to programme.

This was a new build project and key elements involved 18m high by 1m wide windows with top hung opening vents. To complete the project Comar Architectural Aluminium Systems recommended Comar 2 window walling, which integrated with Comar 5lt 45mm windows. This provided slim-lights and the aesthetically pleasing design concept that the architect demanded.

Comar 2 window walling is a unique system which is a cost competitive alternative to curtain walling. Comar 2 extensive range of profiles includes high lxx value span mullions and transoms, there are two profile widths available 35mm and 45mm. This means that spans such as this can be easily attained with the same slim sight lines throughout the project. Magnum liaised with Comar Architectural Aluminium Systems to obtain wind-loading calculations to ensure the right mullions and transoms were specified.

Comar 5 50mm window system was used for a variety of window configurations fitted, where required, with locking handles and restrictors.

The main entrances were fitted with Comar 2 window walling and Comar 7 Doors. As this was a school project, where safety and access considerations are of paramount importance, anti-finger traps and complementary bright handles were fitted to all doors to ensure compliance with the very latest building regulations.

PROJECT DETAILS

Architects
WS Atkins.

Fabricator
Magnum.

Main Contractor
WS Atkins.

Project Value
£117,470.50.

Systems Used
Comar 2 Window Walling, Comar 5 45mm and 50mm windows and Comar 7 Doors.

Location
Braintree.

Tabor High School - Braintree

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 faxback for further details.

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| fax: 020 8646 5096 |
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GROUND FLOOR TREATMENT

COMAR 1 Single Glazed GFT

COMAR 2 Double 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 8646 0777

