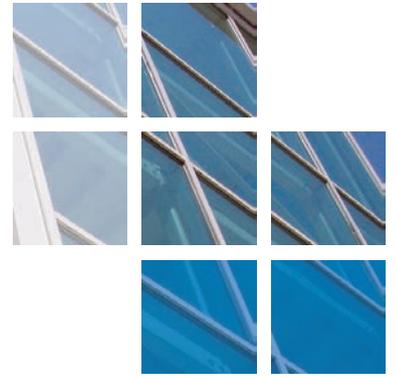




# comar

ARCHITECTURAL ALUMINIUM SYSTEMS



## Shorefields School Refurbishment, Essex.



Comar Architectural Aluminium Systems and their approved fabricator, Anglia Fixing Limited, have recently completed this new extension, entrance and alterations to Shorefields School in Clacton, Essex. They designed and specified aluminium Comar 5P.i Windows, Comar 6 Curtain Walling and Comar 7 Doors. Intensive consultations took place as the brief for this extension and the refurbishment project was that the new windows must feature a Georgian pane effect, to comply with planning requirements, and to ensure they complemented the existing school buildings.

Comar 5P.i thermally broken, high level top hung casement windows and dummy vents, were hung on projecting friction hinges and are operated by electronic window controls. Trickle vents, through a head extension bar, provide free airflow per vent of 8000mm<sup>2</sup> to the internally and externally beaded windows. The Georgian effect pane was achieved by 25mm stick on cosmetic glazing bars within the cavity of the 28mm double glazed units.

To create the framing, Comar 6 mullion drained, thermally broken, curtain walling system in 'stick' construction, pressure equalised and drained in accordance with BS6262, was installed.

Comar 7 bi-parting doors provided a 1000mm clear opening to meet DDA requirements. The doors were integrated into the Comar 6 curtain walling, complete with "Tormax Win Drive" bi-parting operators for external operation from "Finger Print Reader" and an internal switch for exit purposes. The doors were also fitted with maximum security hook locks. All aluminium systems were finished in Hipca White RAL 9910 (semi gloss) polyester powder coat.

All Comar approved fabricators are required to have the technical expertise to attend pre-site meetings and provide detailing. A Comar Architectural Advisor and Anglia Fixing Limited liaised closely with the specifiers to provide design advice on achieving the Georgian pane effect and detailing, which ensured the project conformed to planning requirements, ran smoothly and met site deadlines.

### PROJECT DETAILS

**Architects**  
LCE Architects Ltd.

**Fabricator**  
Anglia Fixing Ltd.

**Main Contractor**  
May Gurney Ltd.

**Project Value**  
£48,000

**System Used**  
Comar 5P.i, 6 & 7

**Location**  
Clacton, Essex.

## Shorefields School, Refurbishment, 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 8646 5096 |**  
**| email: info@parksidegrp.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**

