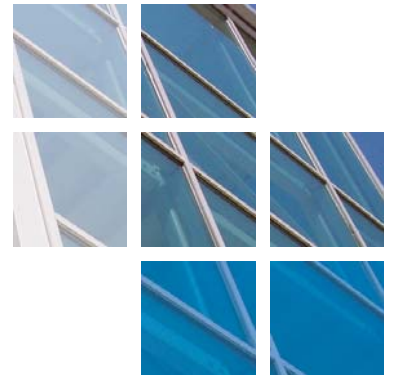




# comar

ARCHITECTURAL ALUMINIUM SYSTEMS



## The Winston Churchill School



Comar Architectural Aluminium Systems and Hampshire Commercial Aluminium System Limited, a Comar approved fabricator, have recently completed an extensive refurbishment programme on The Winston Churchill School in Woking, Surrey.

One of the elevations consists of a two-storey, 200m span of cladding, originally timber, which had reached the end of its life cycle. To totally update the building Comar 2 window walling was specified with integrated top-hung opening vents and panels. Comar 2 offered a precise fit to the specification requirements of the building, offering fast-track installation, a wide range of glazing options, integration, security, high-span mullions and transoms

Due to its semi-united construction, Comar 2 can be fabricated in the factory, shipped and, once on site, the two part channel and plate clip together to form 100mm x 45mm or 100mm x 30mm box section. This fast-track installation was imperative, as the works were scheduled to start and finish in vacation time when health and safety issues were minimised. Slim 35mm or 45mm sight lines are available as well as high span mullions which offer high deflection loads; again, ensuring that the specification of the school was met.

For the opening lights Comar 5 50mm casement system was used. Manual teleflexes were specified on all high-level windows and folding cam openers on the mid level vents. Windows were restricted to 100mm and polyester powder coated in white to create a bright contrast to the red panels.

For the main entrances Comar 7 doors were selected. Comar 7 is a flexible door system which from multi-function profiles all door configurations can be manufactured. The Winston Churchill School utilized this with side entrances specified as swing doors hung on AXIM transom closers, with anti-finger trap stiles and the main entrances were Comar 7 automatic sliding doors. The auto-doors utilized Comar's unique automatic door beams which house most major manufacturers bolt-on auto gearing. Here Ditech was selected with integrated safety sensors and break out facility.

### PROJECT DETAILS

**Architects**  
Mouchel Parkman.

**Fabricator**  
Hampshire Commercial Aluminium Systems Ltd.

**Project Value**  
£500,000 (to date).

**Systems Used**  
Comar 2, 5 and 7

**Location**  
Woking, Surrey.

# The Winston Churchill School

**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 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 8686 9696**

