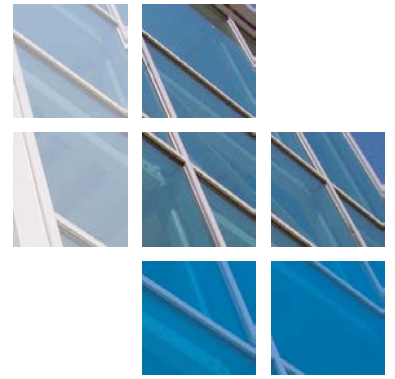




comar

ARCHITECTURAL ALUMINIUM SYSTEMS



Farnborough Airport Business and Aviation Centre



Comar Architectural Aluminium Systems and their approved fabricator, Compass Glass Limited, supplied aluminium profiles for the 4,000 m² Terminal at Farnborough - Britain's most modern business airport.

The Terminal, which was officially opened by HRH The Duke of York, is the new Operations and Administrative Centre. It is the final building in the comprehensive airport masterplan which also features the award-winning hangars and a landmark air traffic control tower. The entire brief was envisaged by Reid Architecture whose portfolio includes other award-winning designs for such key airports as Heathrow, Stansted, Gatwick, Edinburgh and Glasgow.

The Terminal impresses with the boldness of its design. The inspired wing-shaped asymmetrical edifice features the clean-cut minimalist lines of an aircraft, whilst the lustrous "scales" of the light metal skin, achieved with the perforated aluminium sheet, give the building the sleek, cutting edge appearance.

The elegant and modern looking fenestration contributes to the building's unconventional style, but also underpin the Terminal's function. The sheer curtain walling of the side elevations and the rows of tilted glazing along the façade allow the required amount of daylight into the conferencing and administrative offices. Also, the fenestration opens onto the surrounding airport grounds with the hillside turning the Terminal into an excellent observation platform. This feature becomes imperative, especially during the historic International Air Shows and International Trade Shows which take place at Farnborough every year.

Compass Glass installed Comar 6 curtain walling and Comar 7 doors over a four week period. Comar 6 is a versatile 50mm thermally efficient system designed to integrate panels and glass of different widths, opening vents and doors. The flexible design of Comar 6 makes it ideal for complex faceted curtain walls as well as sheer glazed façades. In the Terminal, Comar 6 spans the first and second floors incorporating three metre high panes of 6mm toughened glass. Rows of smaller etched glass panes create a feature on the otherwise seamless façades. All aluminium profiles were polyester powder coated to standard Grey RAL.

The glazing embraces the entire ground floor with the Terminal's customer lounges incorporating integrated Comar 7 curved auto sliding doors, which were also polyester powder coated to standard Grey RAL. Because all Comar profiles are integrated, the slim 50mm sight lines are standardised throughout the envelope, thus contributing to the Terminal's elegant and minimalist appearance.

PROJECT DETAILS

Architects
Reid Architecture.

Fabricator
Compass Glass.

Main Contractor
TAG Farnborough Airport Ltd.

Project Value
£10.2m.

Systems Used
Comar 6 and 7.

Location
Hampshire.

Farnborough Airport Business and Aviation Centre

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.

fax-backfax-backfax-backfax-back

NAME:

ADDRESS:

.....

COMPANY:

TEL:

FAX:

EMAIL:

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

Ground Floor Treatment Curtains Walling
Windows Doors

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

Please fax this form back to 020 8686 9696

