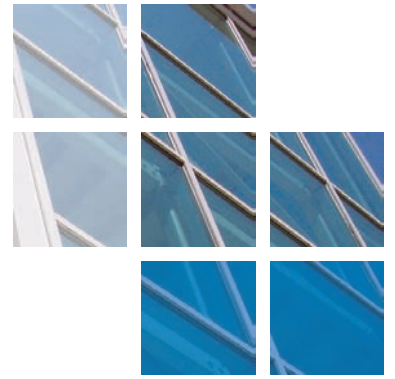




comar

ARCHITECTURAL ALUMINIUM SYSTEMS



Greenbank Fire Station



Greenbank Fire Station is the latest addition to Plymouth's constantly developing townscape. It is also part of the Regional Fire Stations Renovation Program. Alan Spear Limited, a Comar approved fabricator, manufactured and installed Greenbank's boldly coloured glazed screens, all set in sleek timber cladding and rugged stonework.

The Fire Station's most outstanding feature is its 6m high bay-shaped stairwell, glazed in Comar 6 curtain wall. The unusual shape of the glass screen was achieved with Comar 6 corner mullions which are adjustable from 15° to 145°. The high span mullions emphasise the verticality of the stairwell and bring it into sharp contrast with the rest of the predominantly low-rise elevation.

Standardisation of slim 50mm sight-lines was achieved through the versatility of Comar 6 which was used on the rest of the building's glass screens. For the entrances, Comar 7 swing doors were incorporated into Comar 6 and for the opening vents in curtain walling, Comar 6 houses bottom hung Comar 5Lt 45mm windows. For the windows on the stone-clad elevations, side hung Comar 5Lt are fitted directly into stone reveals.

In line with traditional Fire Stations the Comar aluminium systems were polyester powder coated to a standard red RAL. To achieve the target U-value and compliment the design Opti-therm tinted double glazed units were used throughout.

PROJECT DETAILS

Architects

Crowe Caylor Architects.

Fabricator

Alan Spear Ltd.

Main Contractor

Kier Plymouth Ltd.

Project Value

£60,000.

Systems Used

Comar 6, 7 and 5Lt.

Location

Plymouth.

Greenbank Fire Station

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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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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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

