



Osprey House, Cornwall



Comar Architectural Aluminium Systems' profiles were used for the glazed atrium, doors and windows in the new build Osprey House. The project is situated in a prestigious riverside location in the heart of Truro, Cornwall. Alan Spear Limited, a Comar approved fabricator, completed the installation earlier this year.

The building's most outstanding feature is its elegant main entrance. Spanning all three floors and over ten metres high, the entrance is a composite of Comar 6 stick build curtain walling with high-span mullions with integrated Comar 7 automatic sliding doors. This integration is the core of the design. Comar's unique Comar 7 auto door beams easily integrate into Comar 6, which can house most major manufacturers bolt-on auto-door gearing. This maintains slim sight-lines as well as creating an aesthetically pleasing finish; this solution eliminates the need for aluminium panels and timber packing.

The sloped roof in the glazed façade's top elevation maximises natural light into the building. This was created with Comar 6 curtain walling, with Comar 6 adjustable corner mullions, to create the 25° pitched roof. Target U-values were imperative to the design: all doors open directly into the office space.

As such Comar 7P.i. polyamide insulated rebated doors were specified for the balcony doors. Thermal efficiency continued throughout the façade with the specification of Comar 5P.i. polyamide insulated casement windows which were installed direct into brick reveals. All aluminium profiles were polyester powder coated to Grey RAL 7030.

Alan Spear Limited was involved at the design phase and was able to offer Comar products which achieved the design brief: slim sightlines, standardisation and thermal performance through low U-values.

PROJECT DETAILS

Architects
Lilly Lewarne Partnership.

Fabricator
Alan Spear Ltd.

Main Contractor
Harrison Developments.

Project Value
£70,000.

Systems Used
Comar 2, 5P.i, 7, 7P.i and 6.

Location
Truro, Cornwall.

Osprey House, Cornwall

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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GROUNDFLOOR 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:

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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 5096

