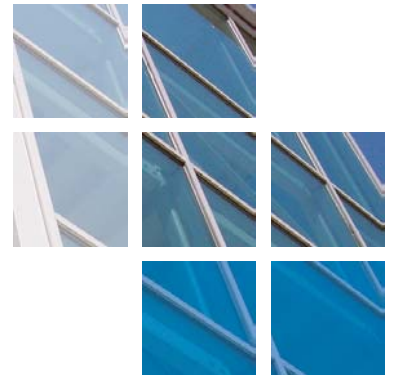




comar

ARCHITECTURAL ALUMINIUM SYSTEMS



Camper & Nicholson Marina



The growing impetus of building on the coastline is supported by technological advances in building materials. The design of the Camper & Nicholson office takes full advantage of this progress.

Due to its coastal location the extensive fenestration of the office raised several concerns in the planning stages: potential metal corrosion and the ability to meet the required wind loadings and U-values. Structures (UK) Ltd, a Comar approved fabricator, was involved in the project from its early design stages and worked closely with Dyer & Butler Architects on the structural calculations.

To ensure the office stands the test of time in this harsh coastal environment all fittings throughout were specified as stainless steel. All Comar systems throughout the project were polyester powder coated in white with a fifteen-year marine guarantee. Comar 6, a 50mm curtain wall system, was step-cut to provide a mullion drained solution which guarantees that water is quickly drained from the façade. Comar 5 windows with 50mm sight lines were used in a tilt & turn configuration. Comar 5 was installed directly into the wall brick reveals and integrated into Comar 6 to provide opening vents.

Comar 7Pi polyamide insulated doors on the balconies were installed to keep the level of heat loss to a minimum. The atrium consisted of a double entrance: Comar 7 swing doors were hung onto Comar 6 for the external entrance. Comar 7 sliding doors were used for the second entrance, which leads directly into the reception area. Because all Comar systems are fully integrated, the same 50mm sight-lines were maintained throughout the façade.

PROJECT DETAILS

Architects
Owen Davis

Fabricator
Structures (UK) Ltd.

Main Contractor
Dyer & Butler.

Project Value
£2M.

Systems Used
Comar 5, 6 and 7.

Location
Gosport, Hampshire.

Camper & Nicholson Marina

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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NAME: _____

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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 8646 5096

