



St. Ives Leisure Centre, Cornwall.



Comar Architectural Aluminium Systems, with their approved fabricator Alan Spear Ltd, were contracted to undertake this marine environment project in the St. Ives area of Cornwall. Coupling the environmental rigours with the architect's requirement for a green anodised finish meant that marine guarantees had to be supplied from the anodisers. L.H.T. Comar's major anodiser, supplied the necessary quality and certification information and offered a twenty-five year guarantee. The major element of concern was the fixing of the aluminum façade to the stone brick-work. This meant that at survey stage accurate measurements were required which ensured that the project would run smoothly and to programme.

Due to the exposed nature of the building, accurate wind loading calculations were critical. Comar and Alan Spear recommended Comar 2 high span mullions for the framing around the top of the elevations. Comar 2's slim sight lines meant that the glazing on the project was maximised and created a stunning façade.

For the entrances, Comar 3 ground floor framing was utilised which incorporated Comar 7 doors. Doors were fitted with stainless steel bar handles and standard concealed closers. The whole contract was double glazed in safety glass.

Evidence of the quality of survey, specification and installation is shown in the fabricator not being called to site for remedial work. This is particularly pleasing due to the exposed nature of the installation.

PROJECT DETAILS

Architects
Burke Rickhard Associates.

Main Contractor
Kier Western

Project Value
£80,000

Systems Used
Comar 2, 3 & 7.

Location
St. Ives, Cornwall.



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The Parkside Group incorporates Comar Architectural Aluminium Systems, Alu-Timber, an aluminium/timber composite system of windows, doors and framing, Axim Architectural Hardware and Duco ventilation and sun control.

This provides a unique opportunity for specifiers and fabricators to rely on a single source for building envelope and integrated systems.

Comar
Comar Architectural Aluminium Systems is the largest British, privately owned aluminium systems company in Europe. Comar designs, extrudes and distributes over 700 integrated profiles to a nationwide approved fabricator network for use in aluminium ground floor treatment, window, door and curtain walling applications. Comar has built its reputation on delivery; over £5M of mill, white polyester powder coating, silver, bronze and anodised profiles are kept in stock. This means that 99% of orders are fulfilled by our customers' weekly delivery.

Alu-Timber - Merging Material Solutions. Creating sustainable, energy efficient buildings is a cornerstone of design.



Alu-Timber, a range of aluminium/timber windows, doors and framing, that combines sustainably grown FSC or PEFC timbers with 100% recyclable aluminium. Alu-Timber gives the specifier benefits: low U-values to achieve current legislation as well as reassurance for the client that the facade will last, with minimal maintenance.

Comar Duco
Comar-Duco produce market leading ventilation and sun control products that continually evolve to meet the latest demands that building regulations command. This comprehensive solution to provide single source aluminium facades, with ventilation and solar shading, incorporates Window Ventilation, including acoustic ventilation, Architectural Louvres, Continuous Louvre Walls and Solar Shading.

Axim
As part of the The Parkside Group, Axim supply a full range of architectural aluminium door hardware including: concealed transom closers, floor springs, surface mounted closers, flush bolts, panic exit devices, handles, letter plates and other ancillary items.

RIBA CPD Provider
The Parkside Group provides RIBA assessed CPD seminars to architects and specifiers throughout the UK. Please contact us for further details.

Nationwide Architectural Specification Team
Comar Architectural Aluminium Systems have a nationwide team of architectural advisors who specialise in providing architects and specifiers with project support and NBS specifications. Fabricators and installers are supported by a team of Territory Managers.



GROUND FLOOR TREATMENT	
COMAR 1	Single Glazed GFT
COMAR 3	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.
COMAR 6	EFT Structural Glazing 2 & 4 sided
DOORS	
COMAR 7	Doors, Folding, Sliding, Swing & Polyamide Rebated.
WINDOWS	
COMAR 5	Windows, 45mm, 50mm, 55mm, 60mm & 75mm Polyamide.
WINDOW WALLING	
COMAR 2	Feature Wall T.B. Window Walling, Thermally Broken.
COMAR 9	High Performance Window, Doors & Framing

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