



comar

ARCHITECTURAL ALUMINIUM SYSTEMS



Home Refurbishment, Dartmoor, Devon.



This stunning extension to a house on the edge of picturesque Dartmoor features Comar Architectural Aluminium Systems profiles, installed by Comar approved fabricator, Alan Spear Ltd.

Due to the sensitive nature of the setting the new veranda had to blend with the original farmhouse and its surroundings. The practical and aesthetic concerns were resolved with Comar's outstanding design as well as aluminium's inherent strength.

The Dartmoor veranda consists of a faceted curtain walling with opening vents and entrances. The glazed façade was achieved with Comar 2, which is a 35mm thermally efficient window wall and a cost effective alternative to curtain walling. The faceted feature was achieved with adjustable Comar 2 corner mullions with returns of 67.5° to 180°. For opening vents, Comar 5LT top-hung windows were integrated into Comar 2. Comar 5LT is a 45mm window suite and is ideal for achieving extra slim sight lines. For the entrances onto the veranda, Comar 7 swing doors were hung direct onto Comar 2. All aluminium profiles were polyester powder coated to standard grey RAL, which gave the veranda a smart and discrete appearance.

The systems total integration means the slender sight lines are standardised throughout the façade. These slim sight lines allow maximum daylight into the atrium and makes the extension look elegant, light and airy.

Alan Spear Limited liaised closely with the specifier throughout the design phase, which ensured the concept was achieved, as well as running to site deadlines.

PROJECT DETAILS

Architects
Private Specifier.
Private Contractor
Project Value
£50,000
Systems Used
Comar 2, 5LT, & 7
Location
Dartmoor, Devon.

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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.
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WINDOWS

COMAR 5	Windows, 45mm, 50mm, 55mm, 60mm & 75mm Polyamide.
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WINDOW WALLING

COMAR 2	Feature Wall T.B. Window Walling, Thermally Broken.
COMAR 9	High Performance Window, Doors & Framing

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