



# comar

ARCHITECTURAL ALUMINIUM SYSTEMS



## Marks & Spencer, Cardiff.



Comar Architectural Aluminium Systems and their approved fabricator, RPM Shopfronts Ltd, completed a new build and aesthetically pleasing Marks & Spencer retail outlet in Llanishen, Cardiff.

Mowlem Design consulted RPM Shopfronts at the design stage on several aspects of the design brief. A key concern was that the centre lines on the Comar 6 curtain walling matched the Kingspan cladding's joints on its horizontal and vertical planes. RPM found that the capability of Comar's V6 estimating software really came to the fore. V6 allowed RPM to produce detailed sectional and design drawings which, when the architect confirmed specification, then seamlessly provided cutting lists for the precise manufacture of this critical element of the design brief.

The project consists of Comar 6, 50mm ladder frame curtain walling and Comar 7 sliding doors, which were fitted with Dormatic automatic door gearing that bolted directly onto Comar's Unique Automatic Door Beams. Three sets of Comar 7, with automatic operation, were installed to create a draft lobby.

Comar 6 and Comar 7 were polyester powder coated to antique white RAL 9010 and glazed with 24mm double glazed units. French doors were integrated into Comar 6, which led to a Café Terrace. As a result of Comar's Technical expertise and back up, in both calculation Ix values and V6 capability and the inherent expertise of RPM Shopfronts, the project ran smoothly and achieved the required design brief

### PROJECT DETAILS

Architects  
Holder Mathias

Fabricator  
R.P.M. Shopfronts

Main Contractor  
Mowlem Design & Build

Project Value  
£1m

Systems Used  
Comar 6 Ladder & 7 Sliding  
Doors

Location  
Cardiff



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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 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 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.

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.

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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