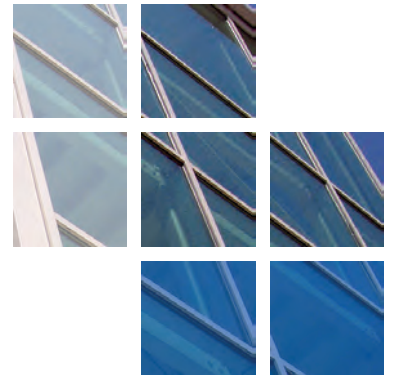




# comar

ARCHITECTURAL ALUMINIUM SYSTEMS



## Park Regis Hotel, Birmingham.



International hotelier Park Regis have opened their first European hotel in Britain's second city Birmingham. Towering over the skyline at 16 storeys the £50 million pound hotel offers 254 rooms, a gym, various bars, business and conference centres and a 2 storey glazed terrace sky bar delivering high end dining to Birmingham.

Comar Architectural Aluminium Systems were selected to provide the façade with curtain walling, windows and entrances. The key element of design for the Rofuto Sky Bar was to allow diners to enjoy clear uninterrupted views across the city, a double height Comar 6EFT Curtain wall was selected as it offers strength with a sleek 50mm sight-line. This ground breaking system, leads the way by offering a 50mm stick system with the capability to span further as the mullions and transoms have the highest Ix and Iy values on the market today.

The profiles were finished in RAL 7016 Matt Grey which seamlessly blends into the mahogany, cream and gold interior. All structural calculations were carried out by Comar's Special Projects Team who ensured all Comar bracketry and fixings will withstand any sway, dead or live loads. Comar's interface range of adaptors allowed the Comar 5Pi Advanced Windows to seamlessly integrate with the differing cladding elements.

Moving to the base of the building, Comar 6EFT capped curtain walling was used. Comar 6EFT interfaces with the dramatic angled cantilevered entrances. For this element of the face design the detailing and installation had to be precise to ensure that drainage and seals create a future-proof water tight solution. Integrated into the curtain wall the entrances have to provide both a statement of welcome and ensure uninterrupted access. Often the first experience of a hotel is the entrance, which needs to provide form as well as function. The Comar 7P.i Commercial Door system is one of the most comprehensive on the market today. Sections are robust and offer an ideal solution for high traffic entrances. The doors selected were auto sliding which allow uninterrupted passage into the double storey entrance lobby.

### PROJECT DETAILS

Architects:  
Building Design Group, Tamworth

Fabricator:  
APiC UK Ltd

Main Contractor:  
Colmore Tang

Project Value: £50 Million

Comar Systems Used:  
5Pi Advanced, 6EFT, 9Pi Framing &  
7P.i CD

Location:  
Birmingham City Centre



# Park Regis Hotel, Birmingham.

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 5P.i Windows, 55mm, 60mm & 75mm Polyamide insulation.

### WINDOW WALLING

- COMAR 9P.i High Performance Window, Doors & Framing.

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ISO 9001 Quality Management

ISO 14001 Environmental Management

OHSAS 18001 Occupational Health & Safety Management