



comar

ARCHITECTURAL ALUMINIUM SYSTEMS

Our Lady & St Joseph Primary School, Poplar, London.



Comar Architectural Aluminium Systems; with their approved fabricator Veranti Systems completed a new build 2 form entry Catholic Primary School in Poplar, East London. Formed out of a merger of two schools the bright and eye catching design uses brick to match the surrounding area and is wrapped with shards of colour in the form of Brise Soleil. The overhanging roof ensures extra shading; with the roof line being reminiscent of Poplar's ship building past and the skyline of London's Canary Wharf featuring as the backdrop. Achieving a BREEAM rating of excellent the school has been shortlisted for a 2015 'Construction Award'.

Comar 5P.i Top/ Side Hung and Fixed Light thermally efficient polyamide insulated windows were specified. These aluminium windows offer outstanding weather performance and reduce heat loss through the trademark P.i thermal break ensuring low U-values so energy bills are minimised.

Comar 6 curtain walling is a versatile thermally efficient system designed to integrate panels and glass of different widths into the façade with special profiles to include opening vents and doors. The design of Comar 6 makes it ideal for complex faceted curtain walls as well as sheer glazed facades. Comar 6 was selected due to its slim 50mm profiles which maximised the glazed area for natural day lighting.

In a busy education environment, Comar 7 sets are a natural choice. Not only are they available in swing, pivot, sliding, auto-sliding and sliding folding, they have been designed specifically for applications where high traffic solutions are required. For safety, the Comar 7 doors were fitted with anti-finger trap stiles, Axim soft touch panic exit devices and Axim concealed transom closers which were hung directly from the Comar 6 frame and complied with the Disability & Equality Act 2010.

PROJECT DETAILS

Architects:
Green Tea Architects, London

Fabricator:
Veranti Systems

Main Contractor:
8 Build, London

Project Value: £400K

System Used:
Comar: 5P.i, 6, 7P.i CD &
Ducosun Cubic 200/ 300

Location:
Poplar, London



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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 5P.i | Windows, 55mm, 60mm & 75mm Polyamide insulation. |
| WINDOW WALLING | |
| COMAR 9P.i | High Performance Window, Doors & Framing. |

The Parkside Group Ltd.,
Unit 5, The Willow Centre,
17 Willow Lane, Mitcham, Surrey,
CR4 4NX.

Tel: 0208 685 9685
Fax: 0208 685 9696
Email: projects@parksidegroup.co.uk
www.parksidegroup.co.uk

