



comar

ARCHITECTURAL ALUMINIUM SYSTEMS



Poringland Community Library.



Poringland Library is part of a new build community development in Norfolk which also features a Community Centre and Police Station. NPS Property Consultants designed the library, selecting Morgan Ashurst Limited as the contractor and Comar approved fabricator Anglia Fixing Limited to complete this contemporary project. Anglia Fixing Limited has an excellent relationship with the developer and were able to reassure them that this project could be completed successfully using Comar products against their usual preferred supplier.

Comar 2 suite of thermally broken sections was installed and low level Comar 5P.i top hung casement inserts were manufactured from polyamide thermally broken sections hung on heavy duty stainless steel friction hinges with a restrictor device to limit the opening to 100mm. All were fitted with push button key locking cockspr handles. High level Comar 5P.i top hung windows were hung on butt hinges and operated by chain activators. Complete trickle vents were incorporated through Comar 2 & 5P.i header bars which provided free airflow per vent of 4000 - 8000mm². To shade the façade Comar-Ducosun 100C in-frame solar shading complete with struts to suit a 1600mm horizontal projection was specified. The blades, rafters and struts are all part of the unique Ducosun multi-fit system which allows fast track installation with its "clicks and glide" assembly. The solar shading was polyester powder coated in a white RAL 9006. The overall length of the shading is approximately 10.7M. Automatic Bi-parting doors in Comar 7 construction were installed within Comar 3. The automatic gearing had Optex Activation and Safety and complied with all Building Regulations, offering safety features for sliding doors such as a linking to security and fire alarm systems. Fire Exit and Plant Room doors were pivot single action and open out, fitted with AXIM concealed overhead door closers with a non-hold facility and AXIM concealed rod locking panic exit device with anti-finger trap stiles. Comar Systems were finished in matt Dark Grey RAL 7015, polyester powder coated to BS6496.

All Comar approved fabricators are required to have the technical expertise to attend pre-site meetings and provide detailing. Anglia Fixing Limited liaised closely with the specifiers to provide design advice and detailing which ensured the project ran smoothly and met site deadlines.

PROJECT DETAILS

Architects
NPS Property Consultants Limited

Fabricator
Anglia Fixing Limited.

Main Contractor
Morgan Ashurst PLC

Project Value
£460,000

Systems Used
Comar 2, 3, 5Pi, 7 & Ducosun

Location
Poringland, Norfolk.



Poringland Community Library.

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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