



## Poringland Community Library, Norfolk.



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 cockspur 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 - 8000mm<sup>2</sup>.

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 Ltd.

**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, Norfolk.

**Comar, the leading British Aluminium Systems House, designs and extrudes over 700 aluminium profile sections. A team of specification consultants provide project-by-project design, calculations and NBS specification advice to architects. Comar distributes profiles to a nationwide network of fabricators for manufacture and installation.**

### Retail Aluminium Architecture

Inherent strength and slim sight-lines make Comar aluminium the specification product of choice for all retail outlets. Comar offers extensive systems which integrate to provide aesthetic appeal to potential retail customers.

Step through Comar 7, an extensive range of sliding, automatic, folding or swing doors. Overhead Comar 6 creates sloped, pitched or barrel vaults which cast light throughout the retail complex or outlet. Comar 1,3,4 & 8 integrate with Comar 7 to provide shop-fronts with various angle returns and height capability. Comar 6 curtain walling houses the envelope with a variety of cover caps which complement panels and glazing.

### Commercial Aluminium Architecture

Statement of function is the key element of commercial building design. From designing industrial units to corporate headquarters the flexibility of Comar Aluminium Systems can integrate with panel systems and provide curtain wall with opening vents and windows in a variety of configurations. Comar can

powder coat the aluminium system to your RAL, BS or Syntha Pulvin colour to complement the façade.

### Education & Public Building Aluminium Architecture

Comar have worked in conjunction with Local Authorities to design specific products for use in the education and public building sector. The nature of public building construction demands cost effective, robust solutions. Comar 2 is a cost saving alternative to curtain walling, creating glazed façades for medium rise buildings, stairwells and entrances. Comar 2 integrates with Comar 5 and 5LT windows with espagnolette locking handles to provide security and Comar 7 Doors with anti-finger traps to provide safety. Comar's integrated systems ensure a cost effective, aesthetic façade with security and safety as standard.

### RIBA CPD Provider

Comar provides RIBA assessed CPD Seminars to architects and specifiers throughout the UK. There are two seminars available; please complete the feedback for further details.

**Comar Architectural Aluminium Systems,  
Unit 5, The Willow Centre,  
17 Willow Lane, Mitcham,  
Surrey. CR4 4NX.**

**| tel: 020 8685 9685 |**  
**| fax: 020 8646 5096 |**  
**| email: info@parksidegrp.co.uk |**



### GROUNDFLOOR TREATMENT

COMAR 1 Single 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.

### DOORS

COMAR 7 Doors, Folding, Sliding, Swing & Polyamide Rebated.

### WINDOWS

COMAR 5 Windows, 45mm, 50mm & 60mm Polyamide.

### WINDOW WALLING

COMAR 2 Feature Wall T.B. Window Walling, Thermally Broken.

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NAME: .....

ADDRESS: .....

COMPANY: .....

TEL: .....

FAX: .....

EMAIL: .....

I would like to hear more about Comar Architectural Aluminium Systems (Please tick):

Ground Floor Treatment  
Windows

Curtain Walling  
Doors

or I would like to be contacted by my local Comar project consultant.

**Please fax this form back to 020 8685 9696**

