



## Southend Police Station, Essex.



Comar Architectural Aluminium Systems, with their approved fabricator Anglia Fixing installed Comar systems as part of the £6million pound refurbishment project for Southend Police Station. Features included in this refurbishment include increasing the number of cells from 22 to 30, an interview suite with six interview rooms, a virtual court, a charge desk with multiple book-in points, cells and showers that can cater for disabled prisoners.

This project was completed using Comar 5P.i ECO Top Hung Windows. The aluminium P.i & P.i ECO window and door systems use trademarked Polyamide Insulated (P.i) that provides exceptional thermal performance and reduces heat loss through the thermal break ensuring low U-values and therefore ensuring energy bills are minimised.

Comar 6 stick build curtain walling was installed. Comar 6 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 7P.i Commercial Door sets were the natural choice for this busy high traffic police station. Comar 7P.i CD door sets can be hung from Comar 6EFT framing and are available in swing, pivot, sliding, auto-sliding and sliding folding options.

Anglia Fixing Ltd are required to have the technical expertise to provide detailing and would have liaised closely with the specifiers to provide design advice.

### PROJECT DETAILS

**Fabricator:**  
Anglia Fixing

**Main Contractor:**  
Logan Construction

**Project Value:**  
£322,500

**Systems Used:**  
Comar 6 Curtain Walling,  
5P.i ECO Windows &  
7P.i Commercial Doors

**Location:**  
Southend, Essex

## Southend Police Station, Essex

**TPG - 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 £6M 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.



Before Refurbishment

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 TPG, 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

TPG 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 Project Managers.



### CURTAIN WALLING

**COMAR 6EFT** Structural Glazing 2 & 4 sided

### WINDOWS

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

**COMAR 10** Passivhaus Window System

### DOORS

**COMAR 7P.i** Doors, Folding, Sliding, Swing & Polyamide Rebated.

### WINDOW WALLING

**COMAR 9P.i** High Performance Windows, Doors & Framing.

### GROUND FLOOR TREATMENT

**COMAR 1** Single Glazed GFT

**COMAR 3** Double Glazed GFT

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