



Southend Boys School, Essex.



Comar Architectural Aluminium Systems, with their approved fabricator Anglia Fixing Ltd completed a new build 6th Form extension for Southend Boys School in Essex. The new 6th Form block will feature a library, 6th form study and research areas, ICT suites, classrooms, and office space. This popular school is currently oversubscribed and the demand exceptionally high. This expansion project was regarded as a priority given the sixth form accommodation was undersized.

A variety of Comar systems were specified for this new expansion project and included Comar 9P.i Ladder framing which incorporated Comar 5P.i Top Hung casement vents which were hung on stainless steel friction hinges.

Comar 6EFT 4-sided pressure plated and capped curtain walling was installed and Comar 7P.i Commercial Thermally Broken Pivot Doors were hung directly from the Comar 6EFT frame. Other Doors installed on the build included Comar 7 automatic non thermal bi-parting doors. In any busy school environment Comar 7P.i Door Systems are a natural choice.

Solar shading was also a key consideration in the build and Duco Sun Louvres were installed. All the aluminium was powder coated to a Grey RAL 7016 Matt

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

PROJECT DETAILS

Architects:
Rees Pryer Architect

Fabricator:
Anglia Fixing Ltd

Main Contractor:
Horizon Constructions

Project Value: £140K

Systems Used:
Comar 6EFT, 5P.i, 7P.i, 7 & Duco Louvres

Location:
Southend, Essex

Southend Boys School, 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 £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 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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