



## Dillon Court Apartments, Surrey.



Working in partnership Comar Architectural Aluminium Systems and 3D Aluminium completed the installation of aluminium windows, doors, curtain walling & framing to a new residential building Dillon Court in Sutton, Surrey. Dillon Court is a supported housing development consisting of 50 apartments across 2 blocks and 5 floors.

Comar 5P.i Advanced window system were installed using the latest thermal break technology, offering leading U-value and slim sight lines. Comar 9P.i Rebated doors and framing offer a truly integrated solution with low U-values and fast-track fabrication and installation. Polyamide Insulated (P.i) window and door systems also provide exceptional thermal performance in a market where energy efficient designs and meeting the demands of the latest building regulations are paramount. The windows and doors were fabricated and installed in compliance with the Secured by Design Licence which provides improved security to the end user. Secured by Design (SBD) is the title for a group of national police projects focussing on security for new and refurbished homes.

To maximise natural daylight and facilitate the large glazed stairwells Comar 6EFT was specified as it offers architects a flexible system, providing a structurally glazed solution, with options for facets, concealed vents and an extensive range of profiles that cater for large structurally glazed panes. Comar 6EFT also offers the slimmest silicon or EPDM joints in the industry, which means the eye-catching glazed area is maximised complying with the latest CWCT standards.

Comar 7P.i Commercial Doors were installed to the communal entrances. For high traffic residential entrances Comar 7P.i Commercial Door sets were the 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.

### PROJECT DETAILS

**Architect:**  
BPTW Partnership

**Fabricator:** 3D Aluminium

**Main Contractor:**  
Barnes & Webster

**Project Value:** £314,000

**Comar Systems Used:**  
5P.i Advanced Windows,  
6EFT Curtain Walling,  
7P.i Commercial Doors &  
9P.i Rebated Doors and Framing

**Location:**  
Sutton, Surrey



## Dillon Court Apartments, Surrey.

**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.

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 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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