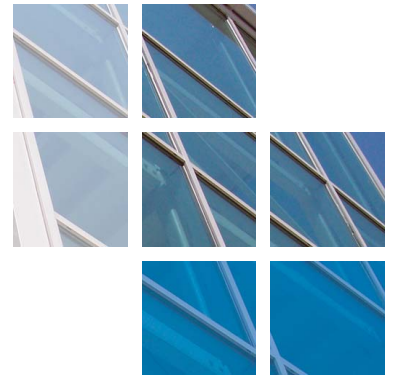




# comar

ARCHITECTURAL ALUMINIUM SYSTEMS



## The Killingworth Centre



The T-shaped covered mall is a two-storey complex with the supermarket covering gross floor area of 83,185 sq ft. The 35 retail units cover a gross area of 100,00 sq ft on two floors. The flexibility and integration of Comar Aluminium Systems can be appreciated within this project. Profiles from 8 systems integrate to provide roof glazing, curtain walling, windows, door and ground floor treatment solutions.

Comar 6 is an integrated profile range that allows from one system a myriad of design options, with a range of standardised 50mm high span profiles. Comar 6 provided the solution to this demanding project. Comar 6 curtain walling creates large duo-pitch mall roof-lights totalling 1710 sq metres, faceted barrel roof-lights with feature glazed gables, 182 sq metre pyramid roof-lights and over 790 sq metre of single glazed walkway canopy to the front elevation and transport interchange. To the elevations over 1360 sq meters of vertical Comar 6 curtain walling, both double and single glazed is installed. The barrel vaulted roof glazing created both feature and a focal point to the entrance and 5 sets of automatic bi-parting Comar 7 doors and 5 sets of automatic Comar 7 swing doors were used throughout the complex. The 35 retail units were completed using Comar's extensive ground floor treatment range drawing from both Comar 1 single glazed and Comar 3 double glazed ground floor treatment systems.

Comar 5 was used to create opening lights throughout the project in a variety of configurations, such as top, bottom and side hung. The project was hose-pipe tested to British Standards and reported no leakage. The project ran to site deadlines and is now a focal element of the local community.

### PROJECT DETAILS

**Architects**  
W.C.E.C Architects.

**Fabricator**  
North Eastern Glass.

**Main Contractor**  
Kier Northern.

**Project Value**  
-

**Systems Used**  
Comar 1, Comar 3, Comar 5, Comar 6 & 7.

**Location**  
Killingworth, Newcastle.

# The Killingworth Centre

**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 |**



GROUND FLOOR TREATMENT	
COMAR 1	Single Glazed GFT
COMAR 2	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.
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  Curtains Walling   
Windows  Doors

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

**Please fax this form back to 020 8646 5096**

