



Narrow Lane Farmhouse, Ormskirk, West Lancs.



Comar Architectural Aluminium Systems, with their approved fabricator Crystal Architectural Aluminium completed a new build residential project Narrow Lane Farm in Ormskirk, Lancashire. This project won 2 prestigious RICS Design Awards for Sustainable & Residential Development. Situated within 4 acres of green belt land in Ormskirk, West Lancashire this replacement contemporary Eco-Farmhouse dwelling with working farmland retains the historical clustering of farm buildings. A series of courtyards and water bodies allow for space between the main courtyard and a sky bridge links one wing to the next. Fully glazed windows look out onto the expansive cornfields, surrounding hills and countryside. This project proudly exploits several sustainable measures including low e argon-filled double glazing, air tight insulated panels and a mechanical ventilation system to reduce excess solar gain.

To maximise natural daylight and facilitate the large glazed areas Comar 6EFT 4 sided 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 6EFT systems are mullion drained thermally broken structurally glazed curtain walling system with drained capping, pressure equalised and drained is in accordance with BS6262.

In a market where energy efficient designs and meeting the demands of the latest Building Regulations are paramount Comar 5P.i thermally efficient, polyamide insulated windows were specified. Comar 5P.i internally beaded casement windows were installed with internal rebate restrictors and mushroom espagnolette secure key locking handles. These aluminum windows offer outstanding weather performance and reduce heat loss through the trademark P.i thermal break ensuring low U-values so energy bills are minimised. For smooth operation and solutions to meet the design brief, Comar 7P.i Folding/Sliding Door (FSD) system was specified, offering a myriad of possibilities for residential projects. Comar 7P.i FSD provides a versatile moveable wall that allows space and light into any project. Even in the winter months the glazed facade offers light as well as keeping the building insulated through the trade-marked Comar 7P.i thermal break technology. To cater for different apertures the Comar 7P.i FSD offers from 2 to 8 sliding doors in either direction with an optional rebated door for day to day ease of entry. Each leaf can be up to 1100mm wide, creating market leading potential spans with minimum sight lines. The 7P.i FSD doors on this bespoke project were internally beaded, outward opening and installed with a low threshold.

PROJECT DETAILS

Architects:
Studio Verve, London

Fabricator:
Crystal Architectural Aluminium

Project Value:
£60K (Metal)

System Used:
Comar 6EFT 4 Sided, 5P.i Casement & 7P.i FSD

Location:
Ormskirk, Lancashire



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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 of the The Parkside Group, 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

The Parkside Group 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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