



**THERMALLY BROKEN
 ALUMINIUM
 WINDOW WALLING**

An elegant comprehensive system of proven profiles and components offering variety and design flexibility to the architect and specifier, with cost savings compared to conventional curtain walling.



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COMAR 2

THERMALLY BROKEN WINDOW WALLING SYSTEM



- Developed as a cost saving alternative to Curtain Walling, with many design benefits this system is ideal for use in medium rise applications and higher stairwells. The integration of system profiles and components with variable corner angles, expansion facility and glazing options offer flexibility and variety, enabling this versatile system to be used for new and replacement work.



The COMAR TECHNICAL MANUAL contains full specifications and fabrication details of the entire range of COMAR systems

REFER TO COMAR DETAIL SHEETS INDICATED	
SHEET No.	SHEET SUB TITLE
2X-01	SILL DETAILS
2X-02	TRANSOM/MIDRAIL DETAILS
2X-03	HEAD DETAILS
2X-04	JAMB DETAILS
2X-05	MULLION DETAILS
2X-06	CORNER POST DETAILS
2X-07	THRESHOLD DETAILS
2X-08	HEADER DETAILS
2X-09	JAMB/MULLION DOOR DETAILS

COMAR 2 OFFERS DESIGN FLEXIBILITY WITH PROVEN DURABILITY



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- Competitive costing.
- Internal glazing for maximum security.
- External glazing option where necessary.
- Fully thermally broken.
- Glazing thickness option: 4mm to 71mm.
- Centre hung doors with hanging style fingerguards.
- Suitable for medium rise applications and higher stairwells.

■ **MATERIALS**

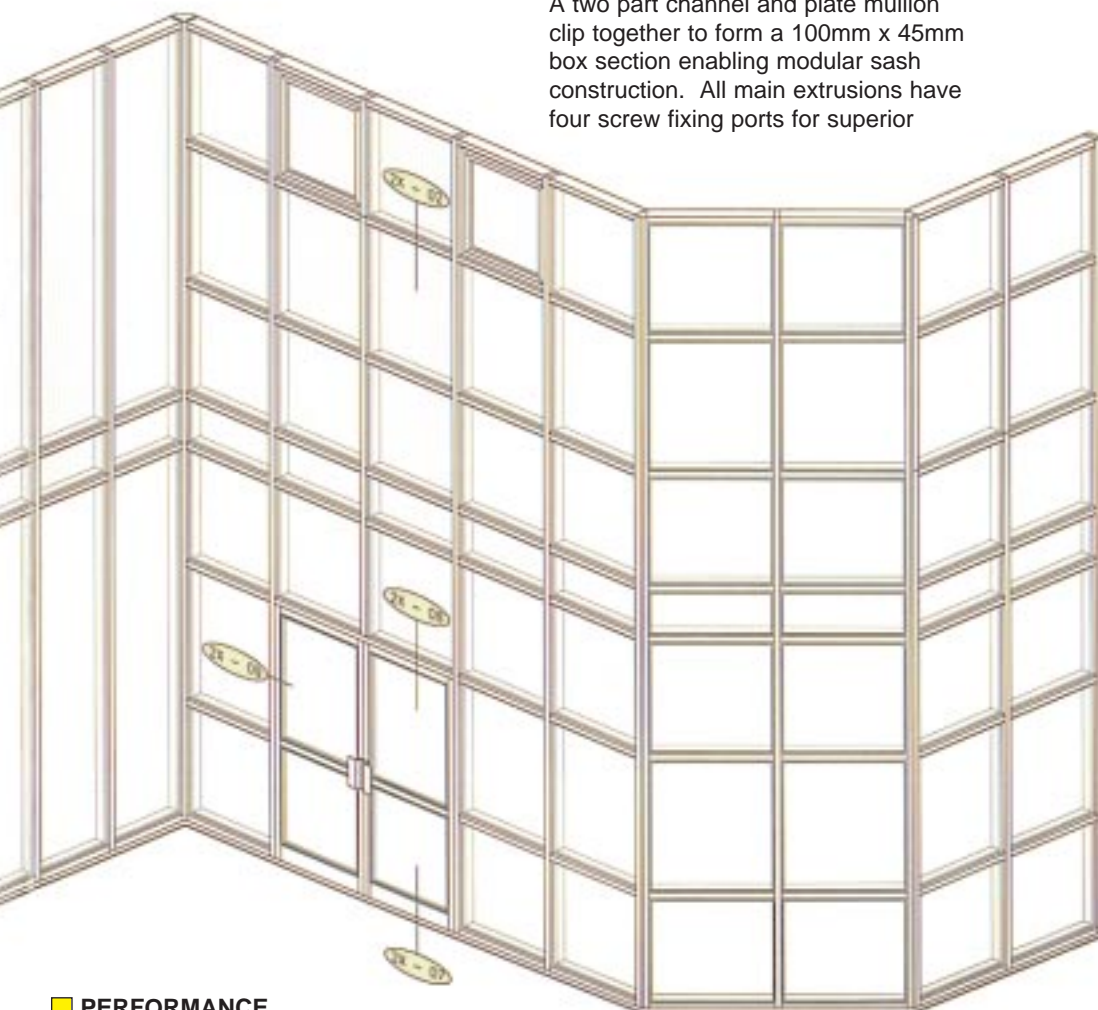
Extruded profiles are to BS EN 515, EN 755 and EN 573. Glazing gaskets are extruded from EPDM. Thermal barrier is 'poured-in-place' Polyurethane resin.

■ **FINISHES**

Aluminium profiles are finished in the following specifications: Silver, bronze and black anodising to BS1615 or BS3987. Liquid organic coating to BS4842. Polyester powder coating to BS6496.

■ **CONSTRUCTION**

A two part channel and plate mullion clip together to form a 100mm x 45mm box section enabling modular sash construction. All main extrusions have four screw fixing ports for superior



■ **PERFORMANCE**

AIR PERMEABILITY BS6375 : PART 1 1989.
TEST PRESSURE CLASS:- 600 PA.

WATERTIGHTNESS BS 6375 : PART 1 1989.
TEST PRESSURE CLASS:- 300 PA.

NO LEAKAGE AT 600 PA.

WIND RESISTANCE BS 6375 : PART 1 1989.
TEST PRESSURE CLASS:- 2000 PA



strength. Additional profiles allow for 90° and 135° returns and variable corner angles. Various sill sections provide drainage to the exterior.

■ **GLAZING**

All glazing, where possible, can be internal, utilising 15mm high beading to retain 4mm to 71mm thick units whilst providing the maximum possible security. External glazing can be utilised with a 45°, 15mm high bead where internal floor beams and partitions prohibit internal glazing.



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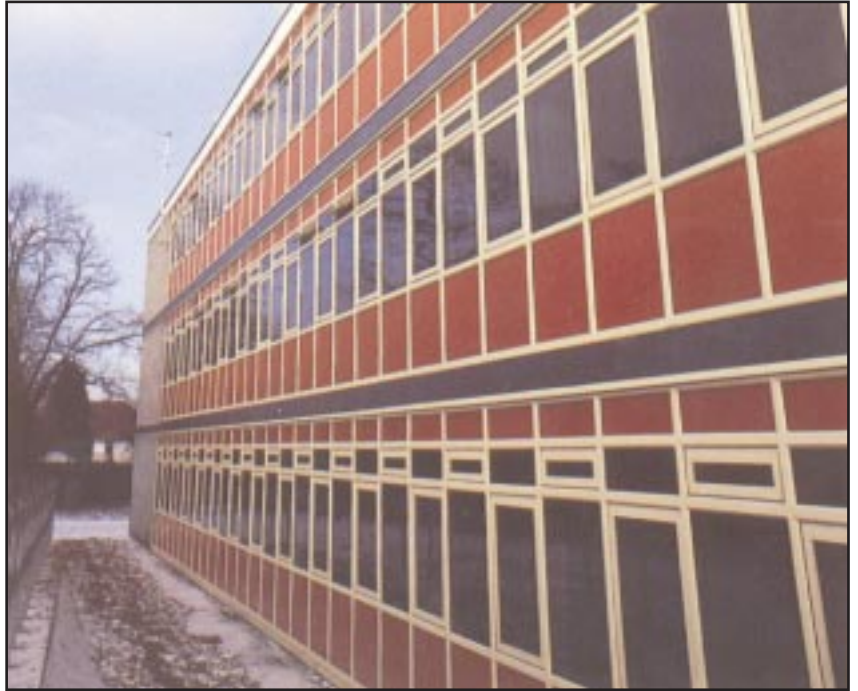
■ SPECIFICATION

Comar Framing Systems conform to recognised industry standards adopted by trade associations, i.e: the Council for Aluminium in Building. The system also conforms to many of the requirements for aluminium windows specification BS4783.

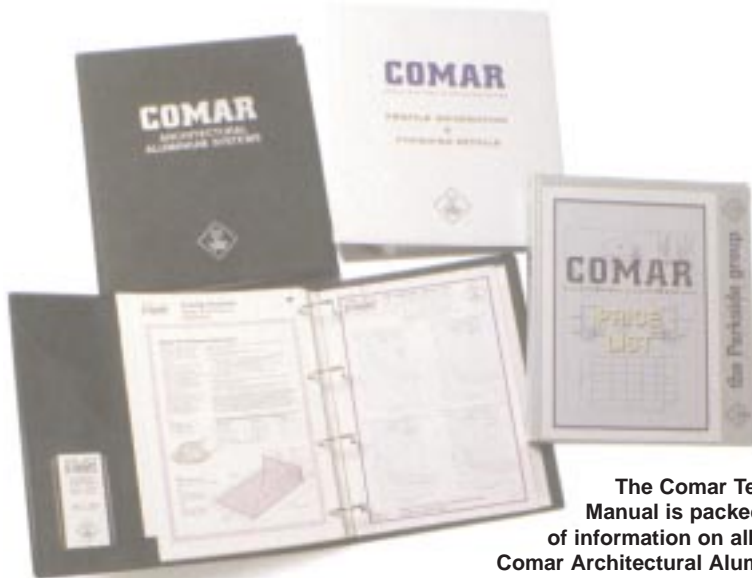
■ REFERENCE COMAR 2 SYSTEM USERS

The following authorities have used or specified COMAR 2:

- ESSEX COUNTY COUNCIL
- SOUTH GLAMORGAN C. COUNCIL
- LONDON BOR. OF REDBRIDGE
- SURREY COUNTY COUNCIL
- HEREFORD & WORCS C. COUNCIL
- SUFFOLK COUNTY COUNCIL
- STATES OF JERSEY
- W. SUSSEX HEALTH AUTHORITY



■ IT'S ALL IN THE TECHNICAL MANUAL...



The Comar Technical Manual is packed full of information on all Comar Architectural Aluminium Systems, including: specifications, profile broadsheets, composites, framing limitations and glazing options. Call for yours today.

■ TECHNICAL BACK-UP

An experienced Sales Team covers the UK while the Technical Department offers an unsurpassed design and installation advice service to designers, specifiers and fabricators. Simply ring 020 8685 9685.

■ FOR MORE INFORMATION

To find out more about COMAR 2 or any of Comar's other architectural aluminium systems, or to obtain your personal copy of the COMAR TECHNICAL MANUAL, call Madeline Whitehead on 020 8685 9685 or fax on 020 8646 5096.

Comar projects are carried out using approved fabricators throughout the UK, under the supervision of Comar Architectural Aluminium Systems, if required.

AUTHORISED DEALER:



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The Parkside Group reserves the right to alter products or specifications without prior notification.