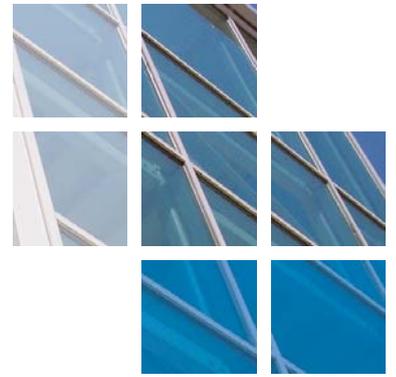




# comar

ARCHITECTURAL ALUMINIUM SYSTEMS



## Window Refurbishment, Barrie House, London.



Comar Architectural Aluminium Systems, with their approved fabricator Anglia Fixing Limited, supplied thermally efficient Comar 5P.i HSW and Comar 5P.i casement, tilt & turn windows with Comar 7 doors to Barrie House, an 8 storey residential block of flats close to Regents Park in a prestigious area of London.

Anglia Fixing and Comar's design team worked very closely, with Kalemminster Ltd and the residents from the pre-tender stage onwards to ensure that the residents design requirements and budget costs were acceptable to all parties involved. As the tenants were contributing to the cost of the refurbishment, their considerations and requirements were paramount. The refurbishment was undertaken whilst the building was occupied and consultation at every stage was vital. The building consisted of large horizontal sliding windows which had come to the end of their life cycle. The original windows were not thermally broken and because of their size and age were difficult to open and close. Due to the lack of thermal break the windows allowed greater heat loss in the winter and heat gain in the summer, which then led to increased energy bills. Residents can now benefit economically with the new energy efficient, thermally broken Comar 5P.i windows.

The Comar 2 suite of thermally broken window walling sections were installed to the staircase areas. A variety of Comar 5P.i windows were selected and Comar 5P.i HSW, 5P.i side hung casement and tilt and turn, 28mm double glazed units were installed with DUCO 80 adjustable trickle vents which provided free airflow per vent of 4000 - 8000mm<sup>2</sup>. Integral restrictor devices and push button key locking cockspur handles were fitted to limit initial opening to 100mm. Comar 7 single action open out Pivot doors were fitted as 'Fire Exit' doors and internally beaded 28mm double glazed units laminated safety glass fitted to the inner pane with toughened safety glass to the outer pane. AXIM panic exit devices with concealed rod push paddle handles were fitted to the Comar 7 doors with anti-finger trap jamb stiles. All systems were finished in a Silver Metallic RAL 9006 to the windows and Brown RAL 8025 to the staircase screen and fire exit doors, both polyester powder coated to BS6496.

### PROJECT DETAILS

**Architects**  
Kalemminster Ltd

**Fabricator**  
Anglia Fixing Ltd

**Project Consultants**  
iCON Building Consultancy

**Main Contractor**  
Danaher & Rolls, Beds

**Project Value**  
£238,500

**Systems Used**  
Comar 2, 5P.i HSW, 5P.i , & 7

**Location**  
Regents Park, London