

Case Study: Lane Fox REMEO® Centre, Redhill

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Systems by Kawneer were “critical” to a ground-breaking healthcare project

Elements from all of Kawneer’s architectural aluminium glazing portfolio were specified by architects Murphy Philipps Associates for the multi-award winning and ground-breaking Lane Fox REMEO® Centre at East Surrey Hospital in Redhill. The building features Kawneer curtain walling, windows, doors and framing.

Building: Lane Fox REMEO® Centre
Location: East Surrey Hospital, Redhill
Architect: Murphy Philipps Associates
Main Contractor: DD Porter
Installer: HB Aluminium

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Kawneer's glazing systems help patients return home

The Lane Fox REMEO® Centre acts as a 20-bed satellite for the Lane Fox Respiratory Unit at St Thomas' Hospital in London, which has been the national centre for the management of chronic respiratory failure for almost 30 years.

It features Kawneer's AA®100 zone-drained curtain walling, 451PT framing, AA®541 top-hung casement and AA®543 tiltturn windows, AA®3110HW horizontal sliding windows, and series 190 heavy duty commercial entrance doors.

The unit is the UK's first purpose-built centre to wean respiratory patients from invasive mechanical ventilation, thereby improving recovery rates and enabling patients to "remeo" which means "I return home" in Latin.

The building was also developed as part of a landmark public-private partnership between Guys' and St Thomas' NHS Foundation Trust and REMEO Ltd, a subsidiary of BOC Healthcare Ltd. Built on the edge of the acute hospital but orientated to maximise views of neighbouring ancient woodland, the new unit provides a therapeutic retreat with a homely atmosphere, supported by cutting edge technology and world-leading clinical expertise.

Mono-pitched roofs and high-level glazing allow views of the surrounding woodland from all areas within the centre. Large areas of glazing and outdoor terraces blur the boundary between indoor and outdoor spaces, with timber used internally, as ceilings in communal areas and features in the single and multi-bed rooms, and externally, as cladding, canopies and flooring, complementing the connection.

The systems by Kawneer were installed on the 1,850m² building by specialist sub-contractor HB Aluminium for main contractor DD Porter.

Marc Levinson, project director at Murphy Philipps Associates who have used Kawneer systems on several previous healthcare projects, said: "We specified the Kawneer systems because they met the performance specification and demonstrated value for money for the client.

"They played a critical part in the project as a key requirement of the brief was to maximise natural daylight to the interiors. They provide clear sight lines to the external spaces and play a vital role in bringing natural light and views of outdoor landscaping into the heart of the building as part of the provision of a therapeutic environment."

He added that the aluminium make-up of Kawneer's systems was part of the overall green specification.

All aspects of the building were developed in close conjunction with clinicians, patients and their carers. This ensured the building met the needs of family members and carers as well as those of patients and staff.

The Lane Fox REMEO® Centre has won many awards including Best Acute Hospital Development in the Building Better Healthcare Awards.

Please contact our Architectural Services Team if you have a project you would like to discuss: Tel: 01928 502604 / Email: kawneerAST@arconic.com

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