

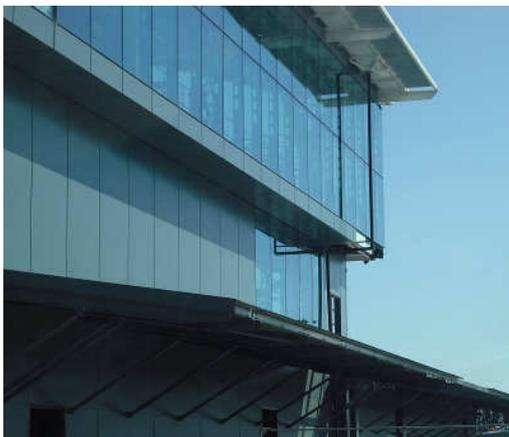
HEATHROW AIRPORT TERMINAL 5 CONCOURSE C, LONDON

Heathrow Airport's Terminal 5 is now complete, with the addition of the second satellite building, Concourse C, which when added to the main terminal building and concourse B, can handle the full operations of British Airways at the airport. With a modern and spacious design, the satellite building builds on the success of the main terminal and concourse B buildings, providing an enjoyable and relaxing gateway to many international destinations from Britain's busiest airport.



At 350m long and 45m wide, concourse C consists of twelve aircraft stands with the option of a further two stands safeguarded for the future. With a semi-unitised façade provided by MERO-SCHMIDLIN (UK) PLC towering 16m above the apron level, the design matches the other two buildings manufactured by sister company Schmidlin of Switzerland.

The arrivals level of the building on the ground floor features a partially unitised glazed and panelled curtain wall, and is serviced by two baggage handling areas at each end of the building. These baggage handling areas deliver baggage direct from the flights to the baggage retrieval halls at ground floor level, to reduce the handling time for arriving passengers, and feature a façade and continuous external canopy by Mero-Schmidlin, who provided full the structure and cladding to this element of the works. The departures level of the building sits above the arrivals area, with a fully glazed, fully unitised curtain wall to the full perimeter, offering a complete 360° view over the airport.



The elevations consist of Structural Silicone Glazed (SSG) aluminium framed unitised curtain wall units, which are fixed back to aluminium internal mullions (steel to the gable ends) which are hung from the CHS roof beam, with wind restraint fixings situated at Departures slab level. The mullions are spaced at 1.8m centres, whilst the unit height varies between 6m and 11m, depending on the elevation.

PROJECT DETAILS

Project Title:	Heathrow Airport Terminal 5 Concourse C (T5C)
Scope of Works:	Design, manufacture and installation of bespoke curtain wall, ancillary cladding and louvers, to form the façade to the Concourse C satellite building.
Cladding Details:	Double Glazed aluminium PPC semi unitised curtain wall units hung from CHS roof beam, approx 6m x 1.8m East / West Departures level elevations with aluminium mullions, 7-11m x 1.8m North / South Departures level elevations with steel mullions, and 9.5m x 1.8m Arrivals level comprising of two stacked units. Microrib Kingspan panels to Baggage Façade and canopy
Contract Value:	£14.8m
Year of Completion:	2010
Client:	BAA
Scheme Architect:	Capita Architecture
Project Architect:	Pascall & Watson
Construction Manager:	Carillion