



ARM building - Peterhouse Technology Park, Cambridge

.....
Contractor

Kier

In the Peterhouse Technology Park on the southern outskirts of Cambridge, ARM, the multinational semiconductor and software Design Company, expanded its headquarters with the construction of a 1,900m² office facility.

.....
Architect

Scott Brownrigg

Kier constructed a highly distinctive facility that is clad with curtain walling and bespoke vertical aluminium brise soleil solar shading. The three-storey facility consists of two similar buildings, known as ARM A and B, that are inter-connected by a first-floor walkway bridge.

.....
Engineer

Ramboll UK

The two steel-framed structures are similar in design with the only major difference being that ARM A measures 85m long x 55m wide, making it 6m longer than its neighbour.

Stability for the steel frames is derived from their braced cores, with both buildings having a main centrally positioned lift core and smaller staircase cores at either end.

.....
Steel Tonnage

1,500 tonnes

Steel erection initially began on ARM B as groundworks were still ongoing on the other part of the site. However, within a couple of weeks Caunton Engineering was able to work simultaneously on both buildings using up to four mobile cranes.

Either side of the main lift cores, both buildings feature atriums that are spanned by rooflights which created voids that allow natural light to penetrate the inner parts of the buildings.

