

**CENTRAL CAMPUS BUILDING, SANDWELL COLLEGE WEST BROMWICH  
ASH & LACY BUILDING SYSTEMS LIMITED**



This striking new seven storey state-of-the-art central campus building at Sandwell College, West Bromwich is the newest FE college in the United Kingdom. The iconic £77 million building replaces three former campuses and accommodates up to 10,000 full and part-time students in a single, ultra-modern, purpose-built location.

Facilities at the new Central Campus building include a specialist automotive centre, beauty and hairdressing salons, computer suites, construction workshops, engineering

and science laboratories, fashion and photography studios, a sports hall and a 170-seater theatre. Trainee dental nurses practice in a simulated surgery, while travel and tourism students train in a reconstructed Boeing 737 aircraft cabin to give travel and tourism students hands-on experience of working in a plane.

Visitors approaching the 25,000 square metre building are immediately struck by the distinctive waveform roofs, featuring Ash & Lacy's AshZip™ standing seam roof system in stucco-embossed aluminium.

Achieving a BREEAM Very Good rating, the project features 130 metre long AshZip™ sheets in stucco embossed aluminium, optimising weathertight integrity.

AshZip™'s uniform, zero penetration appearance further enhances the clean flowing appearance of the waveform roofs. Pre-formed AshZip™ elements contribute to the high-precision of concave areas and tight convex eaves.

AshZip™ was installed as part of a double-skin roof construction, including quilt insulation and liner panel, to achieve a U-value of 0.20 W/m<sup>2</sup>K. Extruded and full height halters were deployed, reducing installation time in comparison with other top sheet attachment methods. 100mm Ash & Lacy AshGrid™ spacer supports were fitted around roof perimeter zones to provide extra protection against wind uplift.

Ash & Lacy also provided extensive technical support to the design team from the project's earliest stages to completion. This involvement included full wind and snow load analysis, undertaken in conjunction with the project engineer, plus detailed site inspections and audits during construction.

Sandwell College demonstrates AshZip™'s outstanding design flexibility; it can be configured in a wide range of curves, waveforms and tapers, in aluminium, coated steel, copper or zinc finishes.

AshZip™ is BBA approved and offers the unique benefit of seamless integration within Ash & Lacy's comprehensive suite of building envelope solutions and components.

Architect: Bond Bryan Architects

Main contractor: Interserve

Engineer: Sinclair Knight Merz



[www.ashandlacy.com](http://www.ashandlacy.com)