

High student standards

Queens University Belfast's (QUB) brand-new student accommodation at College Avenue, beautifully brings together a suite of multi-functional systems from architectural aluminium systems' company, Metal Technology.

With an overall project value of £35,000,000, the state-of-the-art student accommodation brings together effective space optimisation and practical design to create a safe space for students in a central Belfast location with a range of purpose-built areas to facilitate a balanced approach to study, health and wellbeing.

Spanning 11 floors and an impressive 240,000sq ft the accommodation features Metal Technology's System 17 high rise curtain walling on all facades in combination with System 5-35Hi+ turn only windows, System 23 louvres and System 5-20D Hi+ doors. These purpose



designed louvres have been tested to BS6180 for guarding providing a safe environment even when the full height windows are fully opened. Key considerations when choosing these products included practicality, safety, acoustics and thermal performance throughout the building.

Internally, the building features 747 student accommodation

units, a gymnasium, study spaces, refreshment and recreational areas as well as dedicated IT suits.

All Metal Technology systems are designed to perform seamlessly together to deliver the desired aesthetic and performance standards. Used individually or together, they offer complete design flexibility for creative aesthetics with the assurance of value engineered structural, weather and security performance. □

For more information visit www.metaltechnology.com

A year after the launch of Senior's slimline Ali Vu aluminium domestic window, a number of completed projects featuring the Ali Fold aluminium patio door range and the company's work in the commercial sector continuing to flourish, Senior is planning further investment in its product range.

Jonny Greenstreet, Senior's marketing manager says: "2018 was our most successful year to date and we are hoping to build on this momentum to make 2019 another one to remember.

"We are working to expand storage space at both our Denaby and Newport branches and are also gearing up to launch our new training programme for trade customers.

"We will also be announcing a number of new products, including the new PURE commercial door, as well as updates to existing ranges." □

www.seniorarchitectural.co.uk



New level of transparency



Schueco UK has launched a window aimed primarily at the residential market. The AWS 75 PD.SI Panorama window is designed for the construction of ribbon windows and for use as an insert in a Schueco mullion/transom façade system such as the Schueco FWS 35 PD.

The Schueco AWS 75 PD.SI window features reduced internal and external face-widths as low as 55 mm that enable it to deliver a whole new level of transparency, yet the window is still able to achieve a U_w value of 0.87 W/m^2K .

This is in line with the company's other Panorama systems that all offer the narrow face-widths that make possible large areas of clear glazing, but without any diminution of the insulation values that are essential for maximising energy performance.

In addition, it has a flush appearance thanks to smooth internal profiles and there is an ergonomically designed handle without rosettes that can be fitted with a lock if required.

Schueco says that the AWS 75 PD.SI can accommodate vent sizes up to 2.5m and glass weights up to 160kg, with watertightness up to 600 Pa and burglar resistance up to RC2.

The window comprises a wide range of profiles that include corner mullions, structural mullions, symmetrical and asymmetrical mullions and Schueco TipTronic automated toplights.

The inclusion of SimplySmart intelligent components mean that fabrication is swift and economical and the window sits comfortably within the Schueco AWS modular system. □

www.schueco.com

Architects, main contractors and specialist contractors are invited to submit entries to the 2019 Schueco Excellence Awards for Design and Innovation.

Established in 2013, this annual competition continues to attract large numbers of submissions from all over the UK and Ireland, with Schueco confident that entries for the 2019 competition will top last year's record total.

The only criteria for an eligible entry is that the project submitted should have been completed before the end of March 2019 and should have utilised at least one Schueco system in either aluminium or steel, with the involvement of a Schueco UK network partner fabricator.

The judges will be looking for evidence of innovation, technical expertise and creative collaboration between all members of the build team. The deadline for entries is 15th April 2019. □

Entry form from:

www.architecturetoday.co.uk/schuecoawards2019

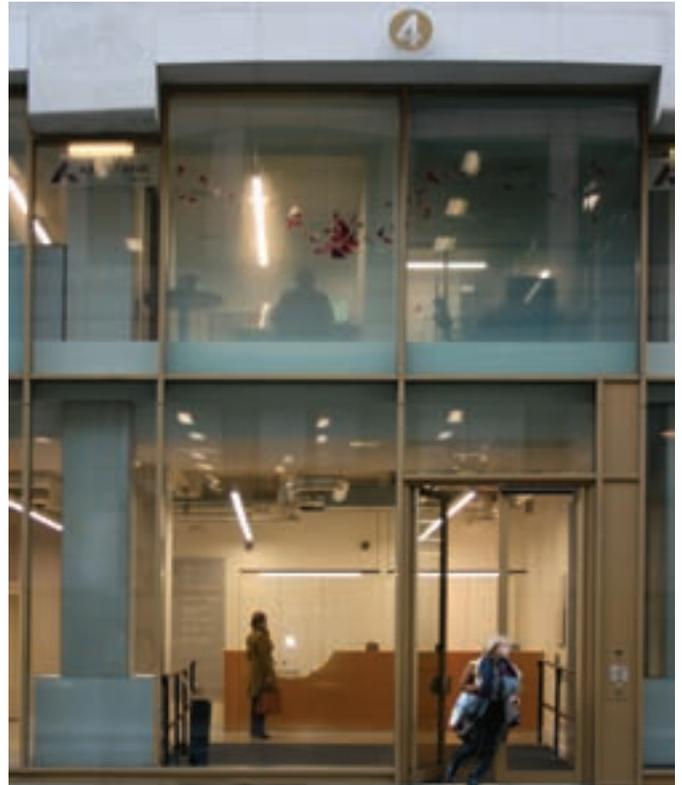


A touch on history

IDF Aluminium has installed transom closers, solenoid locks and hook locks from Alpro Architectural Hardware at a building in a historic section of London's Finsbury Square. 4 Chiswell Street backs onto the Artillery Ground which has seen archery in Tudor times, some of the first organised games of cricket in the 1730s and even a hot-air balloon flight in 1784. The four-storey structure was refurbished by main contractor Parkeray to a design by Ben Adams Architects that created column-free office space with exposed concrete soffit and a signature golden mesh & grille façade based on curtain walling with bold circles. The glazing is unusual since the Reynaers' curtain walling for the double-height reception uses bracketry to support massive panes from Euroview Architectural Glass.

The Alpro closers are on the gilt exterior doors which also have solenoid bolts in the door heads. Alpro transverse action deadlocking bolts offer high levels of physical strength with holding forces of up to 2,000kg, a bolt throw of 14mm and models with oversize pins. The advanced microprocessor module provides power reduction allowing for continuous operation without heat generation as well as automatic voltage regulation, dual monitoring and access control features to fully monitor and control movement. Installers can use housings from the same series for surface mounting which facilitates the securing of glass doors. Dress plates are offered for a clean finish.

The 4 Chiswell Street refurbishment was carried out with tenants in occupation and even involved use of abseiling techniques to replace glazing. A temporary reception was created for access and egress. Daylight has been maximised and floor-to-ceiling height is used wherever possible in a design that meets the Equality Act and includes a revised fire strategy.



IDF specialises in the design, manufacture and installation of aluminium doors. The door projects are often in business and public sector environments where usage may be high but maintenance costs must be minimised. IDF designs and fabricates all of its doors and shop fronts in-house with no use of sub-contractors. □

www.alpro.co.uk

Senior Aluminium Systems has announced the launch of its new PURE commercial door. Available as a standard, electronic-locking and panic-exit system, the door offers exceptional flexibility and is supported by an online technical manual.

The system offers a choice of different door stiles to give different design options and configurations and is also available with a floating mullion on double doors. Designed to perform up to a maximum leaf size of 1400mm x 3000mm and 180Kg, the PURE commercial door system can achieve U-Values as low as 0.94 W/m²K when calculated as a CEN standard door and can be double or triple glazed from 28-60mm.

Fully compatible with Senior's range of aluminium windows, curtain walling and additional door systems, the PURE commercial door is available in a choice of colours and finishes both inside and out. □

www.seniorarchitectural.co.uk

