

BORDER Energy

GLAZING SYSTEMS

KINGSPAN INSULATION, PEMBRIDGE, HEREFORDSHIRE

Kingspan Insulation runs a very successful UK operation from its 39-acre facility at Pembridge, near Leominster in rural Herefordshire.

Border Energy was tasked with refurbishing their headquarters with the aim of providing a more contemporary look and feel to the premises. Our fully integrated range of aluminium systems provided an ideal solution to the project's exacting specification.

Working to a tight deadline, we installed aluminium windows, doors and curtain walling, incorporating our aluminium system into the structure. Aluminium ribbon windows are complemented by aluminium doors from our rebated and weather-rated commercial product range. The automated main entrance doors incorporate a low threshold for easy wheelchair access and the staff entrance has a set of double doors operated by an electronic access control system.

The aluminium system is a highly durable solution that requires very little maintenance as aluminium is naturally resistant to corrosion and discolouration - all of which add up to lower maintenance costs. In addition, our range offers excellent thermal efficiency in accordance with Document L, which also means lower fuel bills. Our high performance products are easily able to meet the 1.8w/m²K U-value set for the new building.

The installation was completed on-time and on-budget and Kingspan Insulation was delighted with the result.



HARRY MASON PROPERTIES LTD, LONDON

Continued growth meant it was necessary for Harry Mason Properties Ltd, a leading producer of pre-packed savoury snacks & sandwiches based in London, to instigate the building of a new head office and assembly plant at a site on the North Circular Road in London. They appointed Border Energy to design and install the fenestration.

This specialist new build project involved the incorporation of multiple curtain walling screens which features an impressive eight-metre high entrance incorporating doors and windows to existing cladding.

Aluminium's low maintenance, coupled with superior energy efficiency and weather performance make it the ideal fenestration choice for the harsher city climate. Additionally, all frames were given a blue polyester powder coating finish, in keeping with Harry Mason's corporate colours, to a depth of 80-microns for added protection against the elements.

A classic casement window style was specified from Border Energy's direct fix outer frame product range, with slim line transoms to maintain equal sightlines. The specification of soft coat glass, argon gas filled sealed units ensures full compliance with current Building Regulations on U-values.

Despite the more challenging design aspects of the project, we completed the project to the highest professional standards in just eight weeks.



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GEA DENCO LTD, MORETON BUSINESS PARK, HEREFORD

For the Dolphin House project in Moreton Business Park, contract managers Supercraft Structures Ltd had just 12 weeks to completely strip back to the structural steel skeleton and refurbish with a new roof, steel cladding, aluminium windows, curtain walling and doors.

Border Energy were nominated as the glazing contractor. Working in close co-operation with Supercraft and other sub contractors, we were able to complete our aspect of the contract within the programme, ensuring that the building was handed over on-time.

Smart Architectural Aluminium System were used throughout, incorporating approx. 200 linear meters of ribbon windows, 20 square metres of curtain walling, main entrance doors and screening together with fire exit and personnel doors.



CHAMBER OF COMMERCE, SEVERN HOUSE, WORCESTER

An immediate start after the Christmas break saw us undertake one of our tightest programmes. The Hereford and Worcester Chamber of Commerce had purchased Severn House, a 'tired' building in Worcester, and needed to move in over the Easter period. Extensive refurbishment was required and we were nominated to take on the glazing element of the contract.

Working directly for the Chamber, liaising with Amber Project Management and with only 10 weeks available, we were to strip out all the heavy timber framed windows and replace them with customised powder coated, thermally broken aluminium frames and high specification glazing. Universal Aluminium Systems were used throughout incorporating their new range of commercial windows.

Despite the inherent problems encountered with this type of project we were able to complete within the programme and see the Chamber affect their Easter move.



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