

Case Study: Criminal Justice Centre, Aberdeen

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A variety of glazing systems by Kawneer feature on a new criminal justice centre

Curtain walling by Kawneer completely wraps a new £14 million judiciary building in Aberdeen that is as stunning as it is secure.

Building: Criminal Justice Centre

Location: Aberdeen

Architect: Ryder Architecture

Main Contractor: Balfour Beatty

Installer: Linn-Tech Scotland

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Kawneer systems show security can be stunning

Kawneer's AA®100 zone-drained curtain walling, with 50mm sightlines, horizontal face caps and gaskets to vertical glass and glass joints at mullion locations, has been used on all four elevations of the Aberdeen Criminal Justice Centre designed by frequent Kawneer specifiers Ryder Architecture.

The curtain walling is complemented by thermally-enhanced top-hung casement windows as inserts on the south and west elevations, AA®110 dry slope rooflights with 65mm sightlines, and series 190 heavy-duty commercial entrance doors, all installed by Kawneer-approved specialist sub-contractor Linn-Tech Scotland for main contractor Balfour Beatty.

The 4,518m² building for Police Scotland via North Hub Scotland comprises a 60-cell custody facility with offices and virtual courts for the criminal justice department and space for an integrated local policing team.

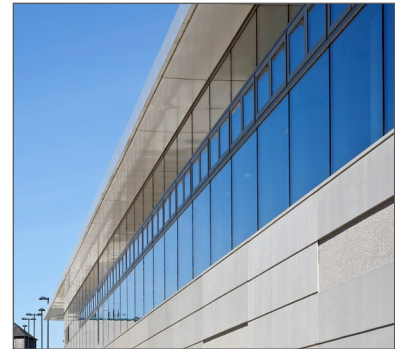
The custody facility is placed on a precast concrete plinth which merges with the landscape (former railway sidings) while the office space and local policing team are located in the steel-framed pavilion above - the element wrapped in the Kawneer curtain walling.

Ryder architectural director Chris Malcolm said: "The Kawneer systems play a significant part in the project as we needed to have a very clean glazed façade.

"Aluminium is just recognised as a standard acceptable finish in terms of sustainability but the SG system allowed us to express the horizontality of the façade.

"The glazed elements were integral to the concept of a solid base below and lightweight transparent pavilion above. The Kawneer systems interface simply but well with the other materials used on the project.

"The curtain walling is continuous round all four sides of the building so is held between the concrete panels underneath and the roof plane above."



Please contact our Architectural Services Team if you have a project you would like to discuss: Tel: 01928 502604 / Email: kawneerAST@arconic.com

Kawneer UK Limited, Astmoor Road, Astmoor Industrial Estate, Runcorn, Cheshire WA7 1QQ
Tel: + 44 (0)1928 502500 Fax: + 44 (0)1928 502501

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