



Unitised Curtain Wall Systems



ARCHITECTURAL ALUMINIUM GLAZING SYSTEMS

AA®201 Unitised Curtain Wall

Introduction

Today's safety conscious and fast paced construction schedules demand high performance, fast installation, simplified fabrication, superior performance and design flexibility. The AA®201 offers exactly that.

It offers the advantage of unitised assembly giving the building team a unique set of benefits. These include factory fabrication to ensure additional quality control, rapid on site installation as well as slimline design and flexibility. In addition, if limited access during installation is required, the AA®201 system can be installed, under restricted working conditions, with the building remaining occupied.

Weathering is achieved by zone drained pressure equalisation. The glazing provides a positive weather seal for high performance. The system also features the exclusive, high performance thermal break.

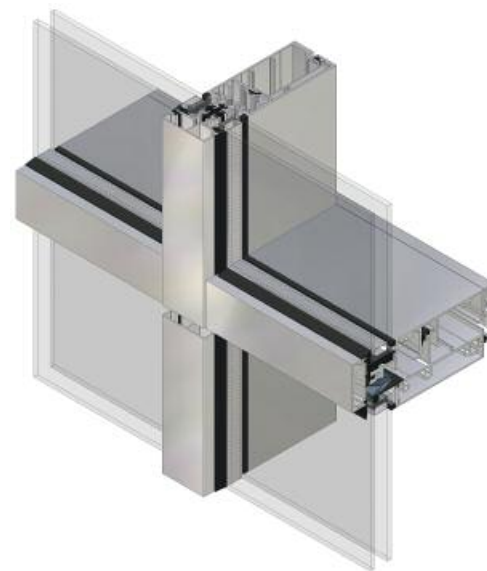
The AA®201 unitised system gives the specifier a wide choice of styles to create individual and exciting building facades. The AA®201 can accommodate spandrel infill materials including glass, stone and metal panels.

The AA®201 unitised curtain wall system is adaptable to any new construction project from two storeys upwards. The system is ideal for fast track installation where safe methods of work are required. The AA®201 has been exclusively designed and developed by Kawneer, with installation contracts undertaken in collaboration with its network of authorised dealers.

The AA®201 has been tested and certified in accordance with the relevant CWCT Curtain Wall standards.

Product Features and Benefits

- Dual finish capability
- The AA®201 system accommodates glass or infill panels up to 32mm
- Fully capped option
- Full SSG option
- Horizontal cap option with vertical silicone joint
- Vertical cap option with horizontal silicone joint
- Tested and Certified in accordance with the relevant CWCT Curtain Wall standards
- Range of mullion, transoms and face cap options with 63.5mm sightlines
- Suites with AA®130 Brise Soleil
- Integral vent option available



AA®201 Unitised Curtain Wall

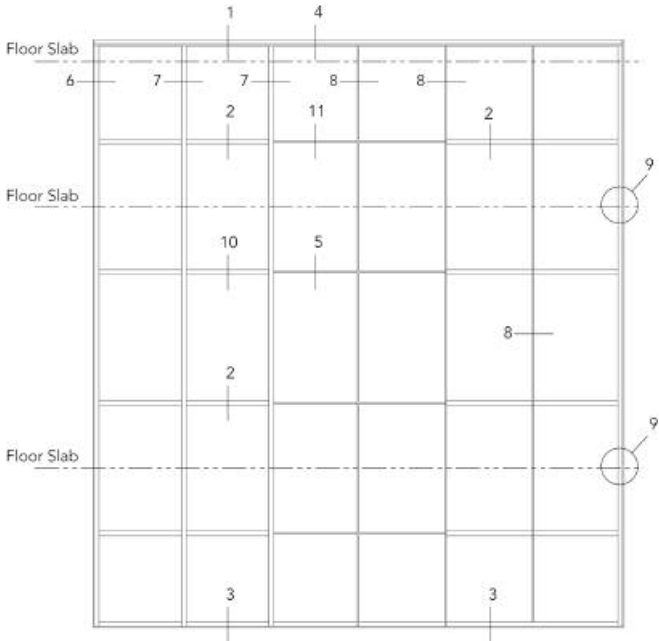
CENTRE FOR
**WINDOW AND
CLADDING**
TECHNOLOGY



AA®201 Unitised Curtain Wall

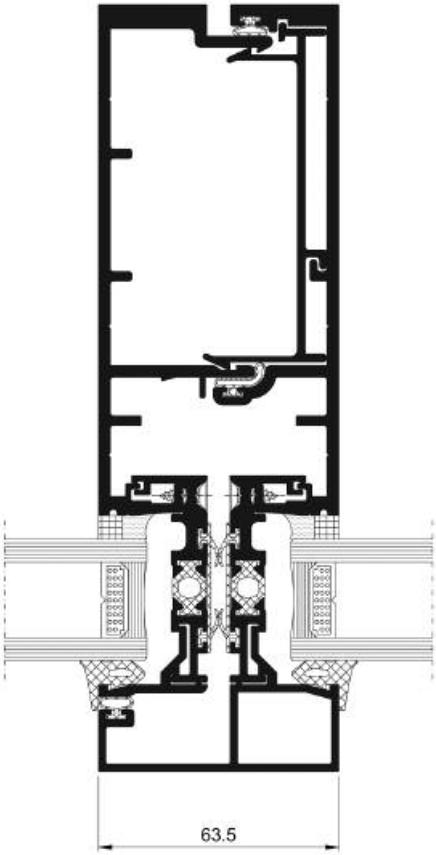
Full details can be downloaded from our website www.kawneer.co.uk

Elevation	Title	Website cad ref no.
1	Head (capped)	AA®201 H02.01
2	Stack Joint (capped)	AA®201 H03.01
3	Cill	AA®201 H04.01
4	Head (Structurally Glazed)	AA®201 H05.01
5	Intermediate Transom (Structurally Glazed)	AA®201 H06.01
6	Jamb Mullion (capped)	AA®201 H07.01
7	Mullion (capped)	AA®201 H08.01
8	Mullion (Structurally Glazed)	AA®201 H09.01
9	Anchor	AA®201 H10.01
10	Intermediate Transom (capped)	AA®201 H11.01
11	Stack Joint (Structurally Glazed)	AA®201 H12.01

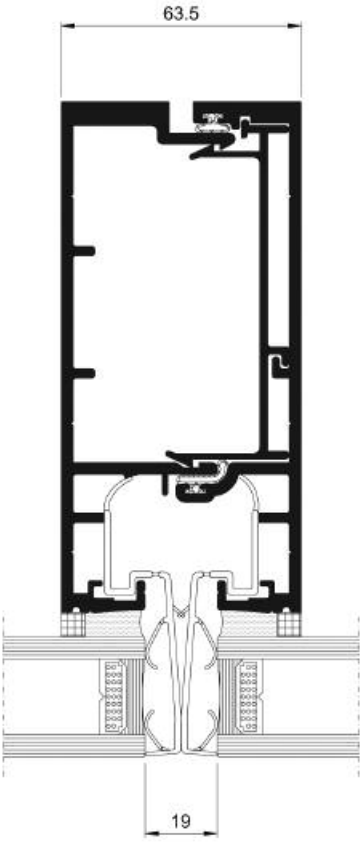


Capped Mullion

Structurally Silicone Glazed Mullion



AA®201 H08.01



AA®201 H09.01



Clarion, Glasgow
Architect: 3DReid
McAteer Photograph



AA®265 Unitised Curtain Wall

Introduction

An alternative to the AA®201 structurally glazed system, the AA®265 is a dry glazed solution incorporating a 3-chamber system and overlapping gasket design for optimum weathertightness.

The AA®265 offers the advantage of a dry glazed assembly giving the building team a unique set of benefits. These include factory fabrication to ensure additional quality control, rapid on site installation as well as slimline design and flexibility. In addition, if limited access during installation is required, the AA®265 system can be installed, under restricted working conditions, with the building remaining occupied.

Weathering is achieved by zone drained pressure equalisation. The glazing provides a positive weather seal for high performance. The system also features the exclusive, high performance thermal break.

The AA®265 unitised system gives the specifier a wide choice of styles to create individual and exciting building facades. The AA®265 can accommodate spandrel infill materials including glass, stone and metal panels.

The AA®265 unitised curtain wall system is adaptable to any new construction project from two storeys upwards. The system is ideal for fast track installation where safe methods of work are required. The AA®265 has been exclusively designed and developed by Kawneer, with installation contracts undertaken in collaboration with its network of authorised dealers.

The AA®265 has been tested and certified in accordance with the CWCT Sequence B 2006 Standard for Systemised Building Envelopes.

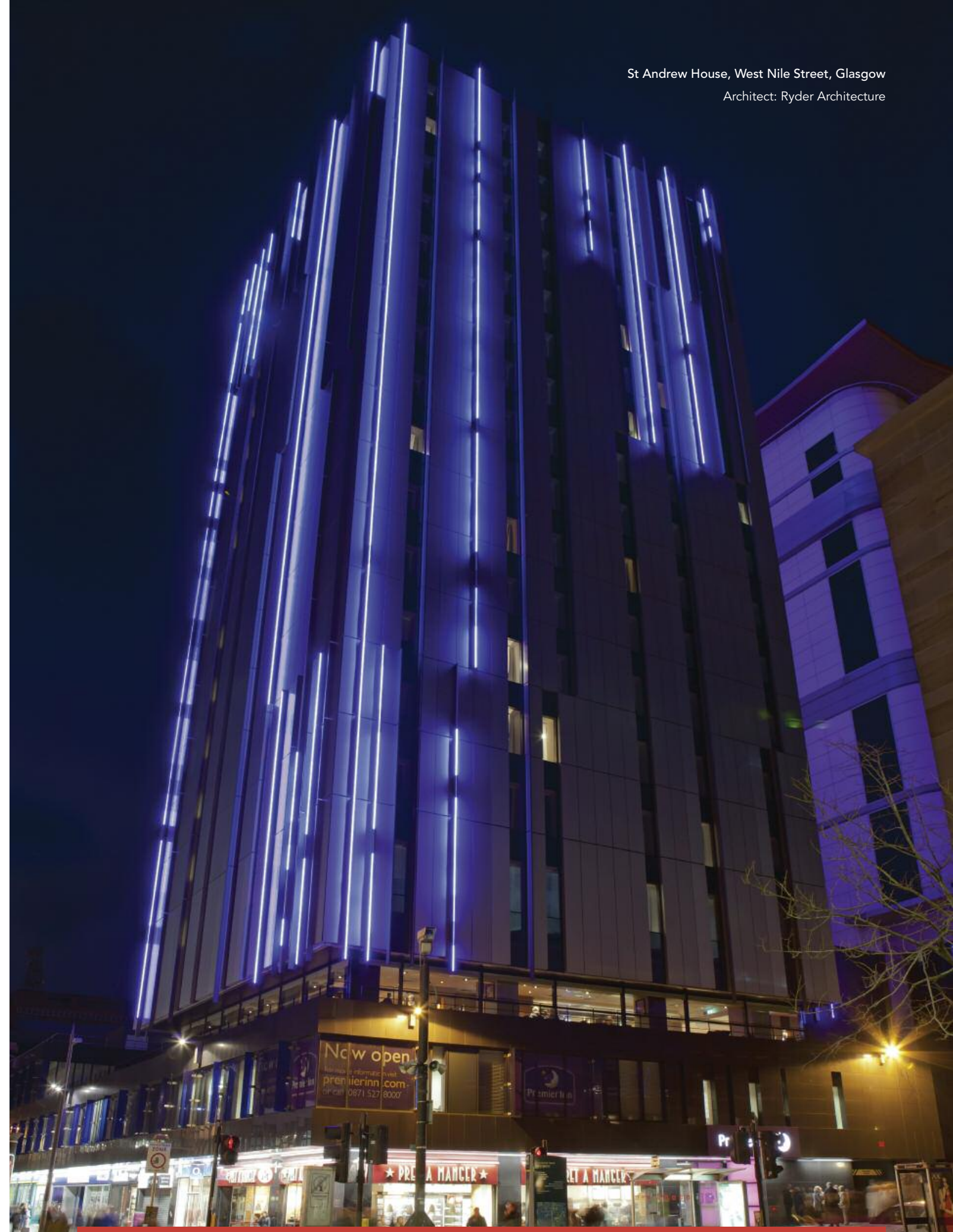
Product Features and Benefits

- Dry Glazed system
- Improved fabrication times
- Dual finish capability
- The AA®265 system accommodates glass or infill panels up to 50mm
- Picture Frame Style Capping
- Tested and Certified in accordance with the CWCT Sequence B 2006 Standard for Systemised Building Envelopes
- Slim 65mm sightlines
- Integral vent option available



AA®265 Unitised Curtain Wall

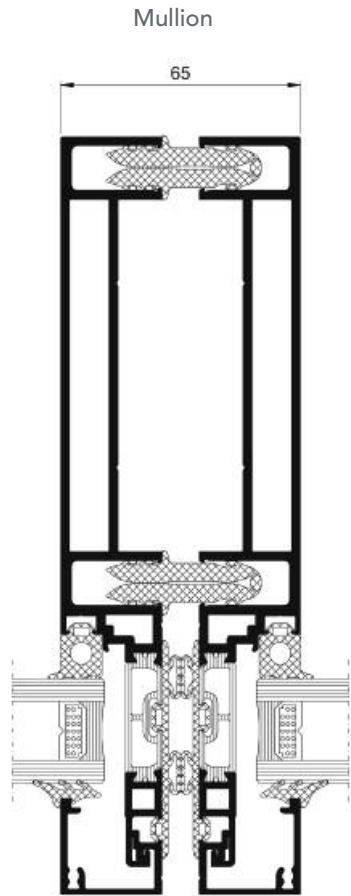
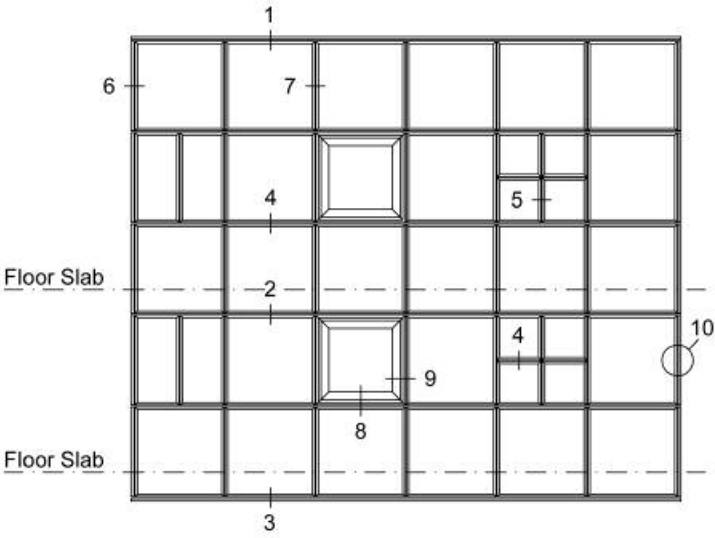
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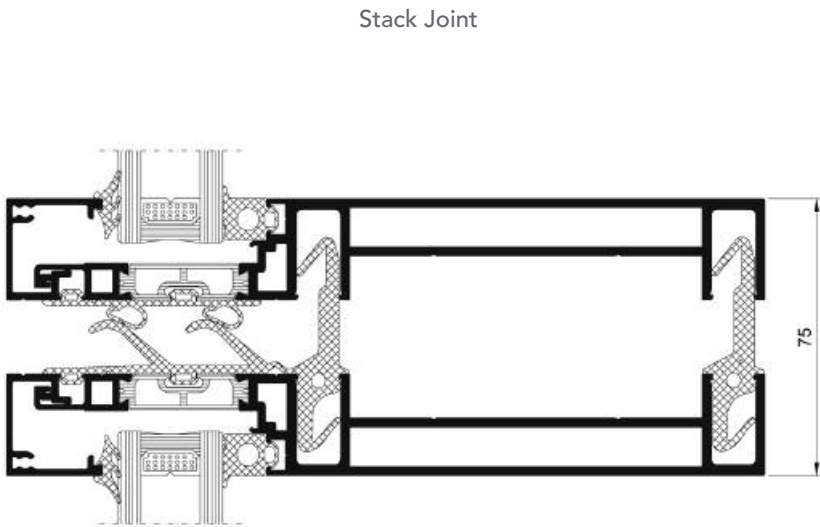
AA®265 Unitised Curtain Wall

Full details can be downloaded from our website www.kawneer.co.uk

Elevation	Title	Website cad ref no.
1	Head	AA®265 H03.01
2	Stack Joint	AA®265 H04.01
3	Cill	AA®265 H05.01
4	Intermediate Transom	AA®265 H06.01
5	Intermediate Mullion	AA®265 H07.01
6	Jamb Mullion	AA®265 H08.01
7	Mullion	AA®265 H09.01
8	Vent (Cill)	AA®265 H11.01
9	Vent (Jamb)	AA®265 H12.01
10	Anchor	AA®265 H13.01



AA®265 H09.01



AA®265 H04.01



DonStroy Office Building, Moscow, Russia
Architect: Sergei Skuratov



Supporting Your Projects



Authorities

ISO 9001
Quality Management System

BS EN 12020
Extruded precision aluminium profiles

BS EN 12206-1
Paint and varnishes. Coating of aluminium and aluminium alloys for architectural purposes

BS 3987
Specification for anodic coatings

BS 4255 Part 1
Specification for non-cellular gaskets

CWCT
Sequence B Standard for Systemised Building Envelopes

A full range of guaranteed colours available

Kawneer Permacover™ is a high quality polyester powder paint finish, offering a wide range of solid and metallic colours providing outstanding resistance to environmental conditions. Kawneer Permacover™ has a 15 year gloss and 30 year matt and metallic guarantees subject to application and Kawneer acceptance in marine, industrial, swimming pools or other aggressive atmospheres.

To ensure the highest quality finish, powder coating is carried out in house as part of our single-source responsibility.

Kawneer Permanodic® is a range of subtle anodised colours which have been specifically developed for architectural glazing systems. Kawneer Permanodic® is a tried and tested anodising process, proven in accelerated laboratory tests, extensive field trials and contract experience. Subject to compliance with Kawneer's requirements, a 25 year finishes guarantee can be obtained.

Project Assistance

Kawneer's regionally based team of Architectural Advisers and the Architectural Services Team based at our Head Office in Runcorn are able to provide project advice and support:

Tel: 01928 502604 / Fax: 01928 502512
Email: kawneerAST@arconic.com

Information on Kawneer's extensive range of Curtain Wall, Window, Framing, Door, Fire Resistant and Sliding Solutions can also be obtained from our Head Office by calling:

Tel: 01928 502612

Kawneer UK Ltd is part of Arconic Building and Construction Systems, and enjoys the extensive resources of the entire Arconic organisation, allied to the specific glazing systems experience of Kawneer's many operations around the world. As a result of this our partners and customers have direct access to one of the largest pools of technical expertise in the construction industry.

Atlantic Quay, Glasgow

Architect: BDP
Photo: David Barbour / BDP





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Other brochures available on request from Kawneer are:

- Architectural Aluminium Systems Finishes
- Door Systems
- Framing Systems
- Curtain Wall Systems
- AA®130 Brise Soleil System
Solar Shading for Reduced Solar Heat Gain
- Window Systems
- Door and Window Sliding Systems
- Residential Aluminium Glazing Systems
- Specialist Horizontal Sliding Window Solutions for your Healthcare Project
- Fire Resistant Systems
- The Architects Guide to Aluminium in Building
- Sustainability
- Maintenance and Cleaning



Kawneer's continuous development and engineering programmes may bring about product changes. Kawneer reserves the right to introduce without notice such changes which will not detract from the product's performance
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