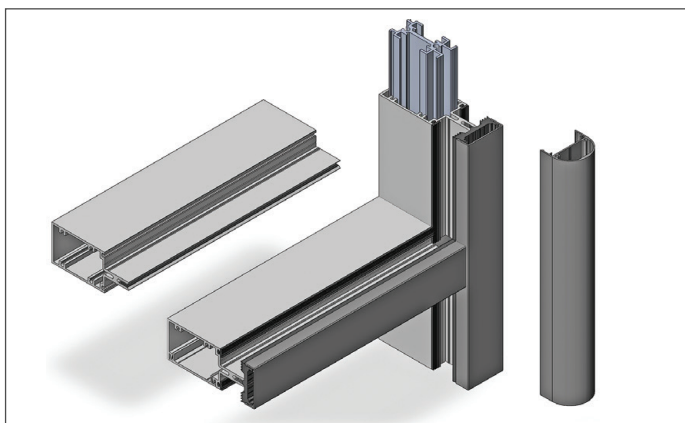


## Technical Specification

# Curtain Walling System



Providing thermal and weather performance the Kestrel Aluminium low rise Curtain Walling system is designed to offer a flexible solution to façade cladding.

The profiles can be used to create a flat, faceted, curved or angled façade using mullion and transom designs.

Ideal for installation in public buildings, offices, leisure facilities and domestic applications, curtain wall maximises natural light in common areas and creates impressive building façades. Compatible with Kestrel window and door systems, the suite provides a complete glazing solution for refurbishment and new build buildings and dwellings.

### Design Options

- Slim 50mm sight lines
- 75, 100 or 125mm box & plate sections
- 50, 75, 100, 125, 150 or 175mm solid box sections
- Bull nose, aero or flat capping options
- Co-extruded pressure plate
- Reinforcement profiles
- Compatible roofing system

### Performance

- Air permeability: 600Pa
- Water ingress: 600Pa
- Wind resistance: Serviceability - 1500Pa
- Wind resistance: Static - 2250Pa

**TECHNICAL SPECIFICATION**

Application	Residential and commercial - new build and refurbishment.
Maximum height	To be calculated in accordance with individual site conditions.
U-Value	To be calculated in accordance with individual site conditions
Jointing	Mechanical corner and transom / mullion jointing..
Glazing options	Insulated Glass Units or composite panels: 24mm, 28mm and 30mm thick. Single glazed variants: 6mm, 6.4mm, 8.8mm, 10mm, 10.8mm, 14mm, 17mm and 19mm thick.
Performance	Water ingress 600Pa Air permeability 600Pa Wind resistance - serviceability - 1500Pa Wind resistance - static - 2250Pa
Finishes	Mill finish. Etched and anodised Silver AA25 or colours on request. Polyester powder coat paint. See separate list for standard colour range available.
Single or dual colour profiles	Option
Design standards	BS EN 12020-2:2001 <i>Aluminium and aluminium alloys, extruded precision profiles.</i> BS 3987:1991 <i>Specification for anodic oxide coatings.</i> BS EN 12206-1:2021 <i>Paints and varnishes, coating of aluminium and aluminium alloys.</i> BS EN 13830:2015+A1:2020 <i>Curtain walling - product standard.</i> CWCT & BS EN 13830 <i>Test data.</i>



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