

Technical Specification

60mm Window System

TILT BEFORE TURN



PARALLEL OPENING



The thermally efficient 60mm Window System is designed for both residential and commercial application such as homes, schools, offices and leisure facilities.

The system is fully compatible with the full suite of Kestrel products and can be used in conjunction with the Curtain Walling and Thermal Framing Systems offering a complete glazing solution for new builds and refurbishment projects.

Design Options

- Single or dual colour
- Double or triple glazing
- Top, bottom or side-hung
- Parallel opening
- Pressure fit bead
- Tilt before turn
- Fixed light
- Cill options

Performance

- Air permeability: 600Pa
- Water ingress: 600Pa
- Wind resistance: 2000Pa
- Safety requirement: 3000Pa

TECHNICAL SPECIFICATION

Application	Residential new build, refurbishment and light commercial.			
Window types	Open out casement (top, bottom or side-hung), pressure fit, parallel opening, tilt before turn.			
	Casement	Pressure Fit	Parallel Opening	Tilt Before Turn
Maximum window opening width*	1000mm	1000mm	1500mm	1600mm
Maximum window opening height*	2000mm**	2000mm**	2200mm	1800mm
Internally beaded option	Yes	No	Yes	Yes
Externally beaded option	Yes	Yes	No	No
U-Value (using BS EN 14351 window arrangement)	1.7/WERC	1.7 W/m2K	1.7 W/m2K	1.7/WERC
Thermal performance	Polyamide thermally broken profiles - Document L1A, L1B/L2A, L2B compliant.			
Cills	Range of options including one piece polyamide.			
Jointing	Mechanical corner and transom / mullion jointing.			
Glazing options	Will accept double or triple IGU and infill panels 28 – 32mm thick.			
Performance	Water ingress 600Pa Air permeability 600Pa Wind resistance 2000Pa Safety requirement 3000Pa			
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			
Trickle vents	Standard or slimline			
Handles	Locking , non locking. Black, White, Silver.			
Security	Multi-point bi-part espagnolette locking. PAS24 compliant.			
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 4873:2016 <i>Specification for aluminium alloy windows and doorsets.</i> BS EN 14351-1:2006+A2:2016 <i>Windows and doors, performance characteristics.</i> BS EN ISO 10077-2:2017 <i>Thermal performance of windows, doors and shutters.</i> PAS 24:2016 <i>Enhanced security performance requirements for doorsets and windows.</i>			

* Subject to use of appropriate hardware and site conditions.

** With Sterling hinges



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