

## Technical Specification

# 60mm Window System

TILT BEFORE RETURN



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

### Design Standards

- BS EN 14351-1 : 2006
- BS EN 10077-2 : 2012
- BS EN 12020-2 : 2008
- BS EN 4873 : 2009
- PAS24:2016

### Performance

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

**60mm WINDOW SYSTEM**

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.			
	<b>Casement</b>	<b>Pressure Fit</b>	<b>Parallel Opening</b>	<b>Tilt Before Turn</b>
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/m <sup>2</sup> K	1.7 W/m <sup>2</sup> K	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 thickness	28mm - 32mm			
Performance	Water ingress 600Pa Air permeability 600Pa Wind resistance 2000Pa Safety requirement 3000Pa			
Finishes	Mill finish Etched and anodised to BS 3987: 1991 (01.06.2007) - Silver AA25 or colours on request. Polyester powder coat paint to BS EN 12206-1:2004			
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 14351-1 : 2006 BS EN 10077-2 : 2012 BS EN 12020-2 : 2008 BS EN 4873 : 2009 PAS24:2016			

\* Subject to use of appropriate hardware and site conditions.

\*\* With Sterling hinges

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