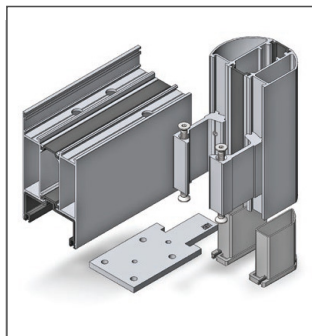


Technical Specification

Thermal Commercial Door



A thermally efficient product designed for installation in schools, offices and commercial buildings where enhanced building regulations and security standards are required. This fully compliant Thermal Commercial Pivot Door is designed for high traffic footfall and tested to PAS24 security standards.

This door system is compatible with the Kestrel Thermal Framing and Window Systems providing commonality of design and an all-in-one solution.

Slimline profiles minimise sight-lines whilst ensuring excellent thermal performance all year round.

PAS24 Configurations

- Single and double door - multipoint, or 2 x single point lock options
- Single door access control
- Single door panic hardware

Design Options

- Single and dual colour
- Double and triple glazing
- Manual pivot door
- Automatic pivot or sliding door
- Single or multipoint lock
- Range of DDA compliant thresholds
- Anti-finger-trap stile



TECHNICAL SPECIFICATION

Application	Commercial, new build and refurbishment.	
	Single Door	Double Door
Maximum width	1100mm	2200mm
Maximum height	2500mm	2500mm
Jointing	Mechanical	Mechanical
Internally beaded option	Ye s	Ye s
Thermal Performance	1.6 W/m ² K for both single and double door	
Glazing options	Will accept insulating glass units and infill panels 28 – 47mm thick.	
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	<i>BS EN 12020-2:2001 Aluminium and aluminium alloys, extruded precision profiles.</i> <i>BS 3987:1991 Specification for anodic oxide coatings.</i> <i>BS EN 12206-1:2021 Paints and varnishes, coating of aluminium and aluminium alloys.</i> <i>BS 4873:2016 Specification for aluminium alloy windows and doorsets.</i> <i>BS EN 14351-1:2006+A2:2016 Windows and doors, performance characteristics.</i> <i>BS EN ISO 10077-2:2017 Thermal performance of windows, doors and shutters.</i> <i>PAS 24:2016 Enhanced security performance requirements for doorsets and windows.</i>	



KESTREL
ALUMINIUM SYSTEMS

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