

Technical Specification

Folding Sliding Door System



Designed for both the domestic and commercial market our Folding Sliding Door System is made to bespoke requirements in numerous design configurations.

PAS 24 accredited, the door has been rigorously tested to 25,000 cycles to BS EN 1527. Features include multipoint locking and shoot bolts as standard, and units will accept toughened or laminated safety glass in thicknesses of 24mm-32mm. A low threshold option with a 13mm step can be specified. A choice of slimline handle styles is also available to ensure neat door stacking and effective use of space.

Utilising the popular bottom-hung arrangement for efficient operation, hardware options include nylon or stainless-steel wheels ensuring smooth and consistent operation.

Configurations

- All even/even and even/odd combinations can be specified
- Open in or open out
- Open left, right or split
- Floating external corner
- Floating mullion

Design Features

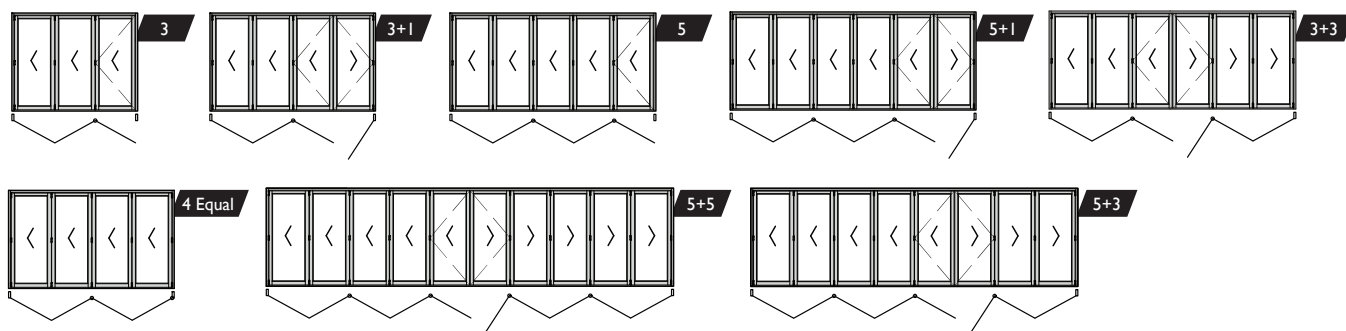
- Single or dual colour powder coating
- Will accept double or triple glazing
- Flush or rebate track
- Bead design options
- Cill size options
- Hardware options*

**Heavy duty hardware only PAS24 accredited.*

TECHNICAL SPECIFICATION

Application	Residential new build, refurbishment and light commercial
Maximum door leaf width	1000mm
Maximum door leaf height	2300mm with standard lock
Maximum door leaf height	2700mm with tall door lock KAS538-TDL
Maximum door leaf weight	100kg
Jointing	Mechanical
Glazing options	Will accept double or triple IGU and infill panels 24 -32mm thick
Beading	Internal
Cills	Design coordinated to rest of residential range
Thermal performance	Polyamide thermally broken profiles - Document L1A, L1B/L2A, L2B compliant
U-Value	1.6W/m ² K
Security	Multi-point dead latch and bolt and lever/lever handset
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 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>

Configurations (Typical combinations shown. All even/even and even/odd combinations can be specified.)



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Technical Specification

Corner Folding Sliding Door System



Creating a link between house and garden has never been easier with our Corner Folding Sliding Door developed from the PAS24 accredited Folding Sliding Door System.

Using a structural steel to support the top of the building, the complete corner of the room can be swept away using the slimline moving corner post to give even greater access to the outdoors.

Configurations

Odd numbers of doors on one side and any amount of even numbers of doors on the other.
Doors only open out.

- 1-2/4/6
- 3-2/4/6
- 5-2/4/6

Design Features

- Single or dual colour powder coating
- Will accept double or triple glazing
- Flush or rebate track
- Bead design options
- Cill options
- Hardware colour options



TECHNICAL SPECIFICATION

Application	Residential new build and refurbishment.
Maximum door leaf width	1000mm
Maximum door leaf height	2426mm
Minimum door leaf height	1998mm
Maximum door leaf weight	80kg
Glazing options	Will accept double or triple IGU and infill panels 24 -32mm thick
Beading	Internal
Cills	Design coordinated to rest of residential range.
Jointing	Mechanical
U-Value	1.6 W/m ² K.
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 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>



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