

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.

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, stainless-steel wheels which ensure smooth and consistent operation are used.

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

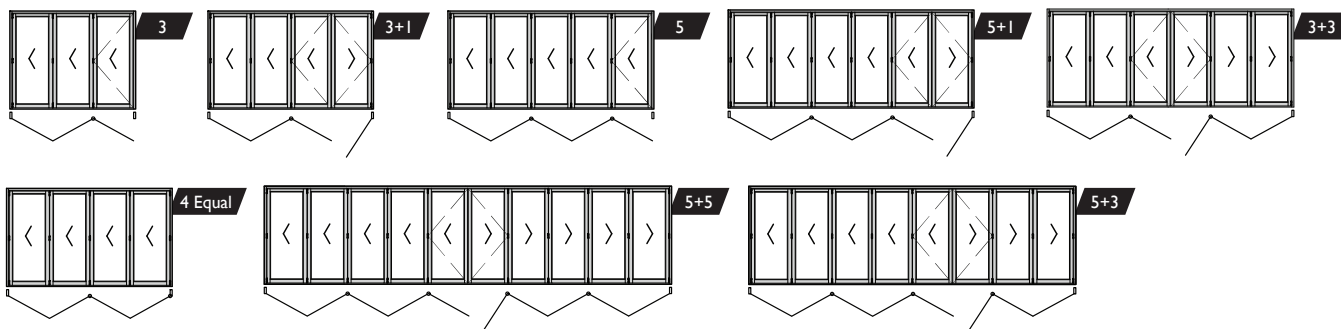
- Single or dual colour powder coating
- Will accept double or triple glazing
- Flush or rebate track
- Bead design options
- Cill size options
- Hardware options*

**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 |
| Joining | 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.)



KESTREL
ALUMINIUM SYSTEMS

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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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