

Technical information

# SPW400 sliding folding door system



SENIOR **ALUMINIUM** SYSTEMS™

## Scope

The SPW400 Vistafold and Vistafold Duo create an effortless sliding, folding door system, designed to provide an enhanced performance door capable of inward or outward opening, in two to eight multi-pane configurations. The system is versatile and utilises other options such as low thresholds and no intermediate stiles for slim sight lines. It is a thermally broken polyamide door system achieving improved thermal performance. It is capable of accepting glazing up to 32mm thick depending on weight.

## Materials

- All aluminium sections are extruded using Aluminium Alloy
- Polyamide thermal barriers are manufactured in accordance with PA66 GF25.
- Gaskets are manufactured in accordance with BS3734.

## Finishes

SPW400 door sections are available typically in 3 finishes.

- Polyester Powder Coating to BS EN 12206: 2004 Part 1 - painted in house in single or dual colour and surface finish at 40 microns standard, or enhanced to 60 microns for marine environments, in accordance with ISO9001, ISO14001 and ISO18001.
- Anodised and Anolok finishes are to BS3897: 1991 to a minimum of 25 microns (AA25), supplied in either satin or polished finish in a limited range of colours.
- Mill finish.

## Construction

SPW400 is constructed using mitred corners, joined with mechanical cleats; alignment chevrons assist in clean, accurate mitres. Assembly is by rail shear blocks using stainless steel socket head screws directly through the body of the vertical stile sections, and utilising square cut adjoining component members. A proprietary sealant is used on all metal joints in line with good practice.

## Weather Rating

Differing door configurations produce different ratings. Please consult our technical department.

## Typical\* sizes

Minimum Frame Height:	1960mm
Maximum Frame Height:	2810mm
Maximum Door Leaf Height:	2700mm
Maximum Door Leaf Width:	900mm
Minimum Door Leaf Width:	500mm
Recommended Maximum Door Leaf Quantity:	Vistafold = 5 per side Vista Duo+ = 4 per side
Maximum Door Leaf Weight:	70kg

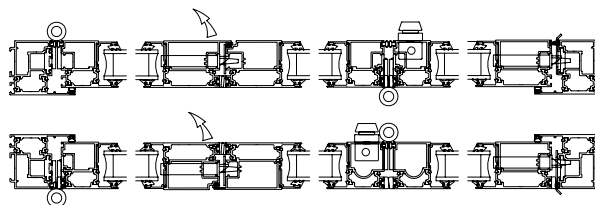
\*For guidance only - when exceeded please consult our technical department.

## Glazing

Thickness	28mm	to	32mm
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## Average U values -

	5.6m x 2.8m
O/I	1.69W/m <sup>2</sup> K
O/O	1.6W/m <sup>2</sup> K



## Environmental

Senior Architectural Systems is fully compliant with BS EN ISO19001, BS EN ISO 14001 and OHSAS 18001 Standards.

SPW400 when used on projects involved in a BREEAM assessment, or within the Code for a Sustainable Built Environment and the Code for Sustainable Homes (which therefore involves the Green Guide to specification) can offer significant benefits. For project specific assistance, please contact our specification team.

**Specification. Please contact our national team of architectural advisors for advice on product suitability, calculations and NBS or bespoke specifications.**