

Transform your  
living space



**OPEN UP YOUR WORLD**  
with the new bi-folding  
door range

# MAXIMISE space



Manufactured from durable PVC-U, we offer a thermally efficient and low maintenance range of bi-folding doors that effortlessly glide open to provide you with maximum utilisation of unobstructed space.

Bi-folding doors can complement any building giving a glass wall effect which provides panoramic views and brings the warmth and light of the outside in.

Offered in a range of traditional finishes including brilliant White, Rosewood, Antique Oak, and on-white variants, bi-folding doors are the practical choice for many applications. Ideally suited as a room divider, patio screen or contemporary feature wall, bi-folding doors create a stylish and architecturally pleasing façade without harming the character of the building.

The highly engineered smooth glide roller system and secure multi-point locking, provide a door that is easy to operate. By opening the master door leaf, the remainder of the door leaves

*Simply open up a bi-folding door to transform your environment.*



Antique Oak

White

Rosewood

open in a concertina action stacking tightly together creating an unobstructed space that opens up two rooms into one, or extends your living environment into your garden, bringing the outside in.

Our bi-folding doors can be offered in a range of styles and sizes with 18 different door combinations starting from 2 leaves up to a maximum 6 leaves depending on size and configuration (please refer below), making it suitable for all types of application, from small openings to large openings.



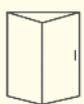
Bi-folding doors make the most of the least...

- Thermally efficient
- Low maintenance
- Range of finishes
- Smooth glide roller system
- Multi point locking
- 18 different styles
- 2 to 6 leaves
- Maximises space

## TECHNICAL information

### Supplied unglazed

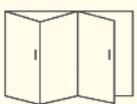
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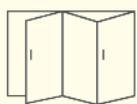
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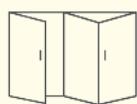
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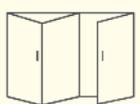
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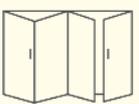
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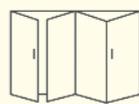
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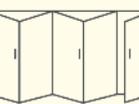
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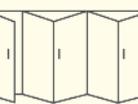
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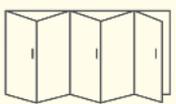
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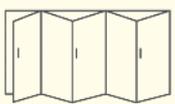
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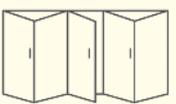
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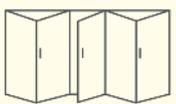
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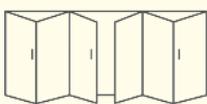
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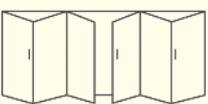
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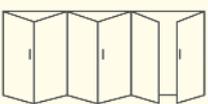
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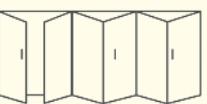
Type 633R



Type 651L



Type 651R



**Leaf width:** 330\* to 900 (mm)  
**Leaf height:** 840 to 2360 (mm)  
**Overall frame width:** determined by leaf width and selected scheme  
**Leaf weight:** Maximum 80kg

### Sheltered to Moderate Weather Performance:

\*NOTE: Due to the nature and construction of bi-folding doors, they have limited weather performance i.e. sheltered to moderate. Therefore it is strongly recommended that these products are installed in internal applications e.g. As a main partition between conservatories and internal rooms or in sheltered external situations, where weather performance is not a major consideration.

## hardware

### Materials:

Face plates and drive rods: cold rolled steel strip to DIN 1624, Tolerances to DIN 1544.

Brass components: Copper zinc alloy to DIN 17660. Tolerances to DIN 1791.

Stainless steel: Spring steel to DIN 17224. Rails, Corner Drives and Drives manufactured from austenitic chromium nickel 18 8 stainless steel (12 Cr Ni S 18 8) Material No. S430.5

Zinc die cast components: High grade Z430 GD-Zn Al4 Cu3 or Z410 to DIN 1743 in conformance to RAL RG 706.

Bogie wheels: Manufactured from Delrin running on stainless steel bearing races.

Salt spray test in accordance with DIN 50.021 min 240hours (ISO 9227).

All hardware tested to RAL RG 706/3 quality assurance and testing regulations for tilt-turn hardware.

Door Frames: PVC-U profiles: Manufactured from multi-chambered extrusions in accordance with BS EN 12608:2003.

Reinforcing: Manufactured from hot dipped galvanised steel sections conforming to BS EN 10142 in accordance with the requirements of BS 7412: 2002.

Our policy is one of continuous improvement and we reserve the right to change specification and designs at any time without prior notice.

Sierra Windows cannot be held accountable for installation by independent companies.

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