



**G.JAMES**

Windows & Doors

## Bi-fold Door 477 Series



### Experience the true meaning of open living when you select a G.James 477 Series Bi-fold Door.

The trademark 'fold-and-stack' function of bi-fold doors place them at the top of the shopping list for alfresco entertainment areas or any aspect where you want to optimise your view and opening space.

G.James' bi-fold doors combine quality hardware componentry with the uncompromising strength of heavy duty aluminium profiles to ensure you enjoy consistent, long-term performance along with the ultimate sensation of bringing the outdoors, indoors<sup>1</sup>.

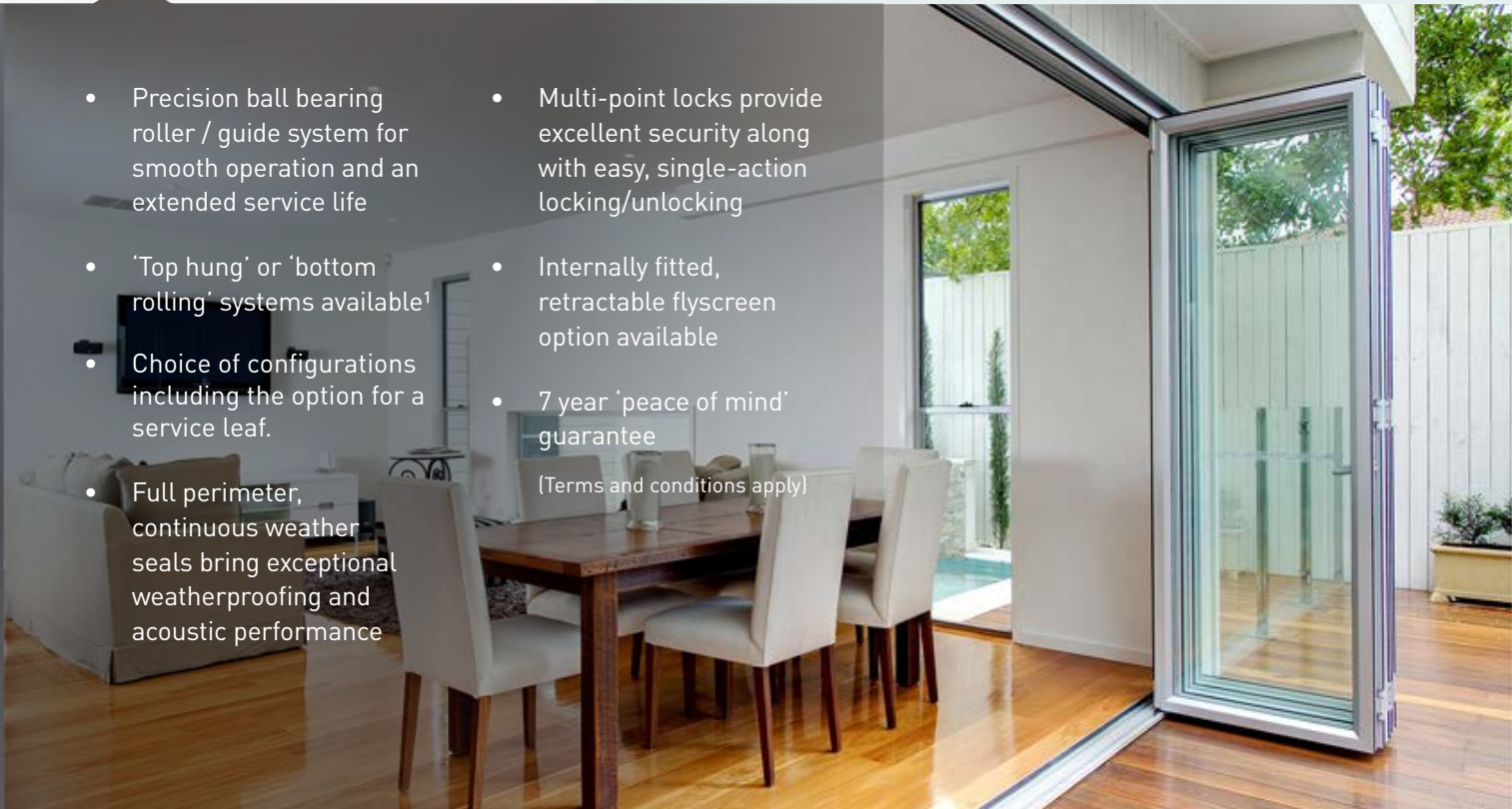
<sup>1</sup> Bi-fold Door combinations are suitable for sheltered, non-exposed positions only. **Left image:** Cut-through of Bi-fold door sill (guide only, subject to change without notice)





## Features

- Precision ball bearing roller / guide system for smooth operation and an extended service life
- 'Top hung' or 'bottom rolling' systems available<sup>1</sup>
- Choice of configurations including the option for a service leaf.
- Full perimeter, continuous weather seals bring exceptional weatherproofing and acoustic performance
- Multi-point locks provide excellent security along with easy, single-action locking/unlocking
- Internally fitted, retractable flyscreen option available
- 7 year 'peace of mind' guarantee  
(Terms and conditions apply)



## Technical Data

<sup>1</sup> Structural beam by builder required for all top-hung systems

**Size Limitations<sup>1</sup>**

Refer the Configurations section of this brochure for size limitations

**Other Limitations**

This product is suitable for sheltered, non-exposed positions only

**Max. Glass Thickness**

- Single glazed – 10.38mm
- Double glazed (IGU) – 32mm

**Max. Water Performance**

- Standard sill - 150 Pa
- Sub-sill configuration - 600 Pa

**Perimeter Frame Width**

100mm

**Screening**

Retractable flyscreen systems only

**WERS Data<sup>2</sup>**

- U-Value range: 3.30 – 6.10
- SHGC range: 0.29 – 0.65

**Acoustics<sup>2</sup>**

Up to Rw 31

**Bushfire Attack Level**

G.James adopts the 'Deemed to Satisfy' approach for this product

**Compatible Construction Types:**

Brick veneer, clad wall, block wall and cavity brick

<sup>1</sup> Maximum sizes are a guide only and subject to the wind rating or SLS/ULS requirements of the site.

<sup>2</sup> Consult your G.James representative to determine the most suitable product configuration for your requirements.



## Powdercoat Colours

\* COLORBOND® steel colour match



Black (Satin)



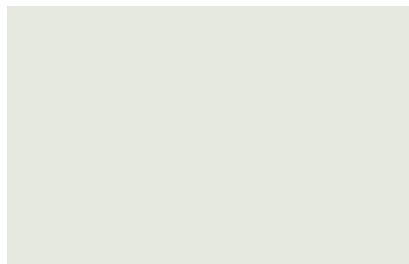
Monument (Matt) \*



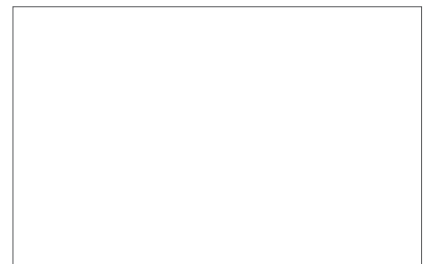
Woodland Grey (Satin) \*



Ultra Silver (Gloss)



Surfmist (Matt) \*



Pearl White (Gloss)



Dune (Satin) \*



Paperbark (Satin) \*

**IMPORTANT:** The surface finishes shown represent the standard range of colours offered by G.James.

It should be noted that some finishes may not be stocked at your supplying location which may affect price and lead time.

**Contact your G.James representative for further information.**

## Anodised Finishes



Clear



Residential Bronze

Note: All Anodised Finishes are price on application. All residential anodised finishes are supplied at AA15 (film thickness) with AA20 & AA25 available upon request.

Polished Silver (internal products only) and other Bronze finishes are available.

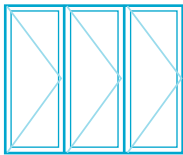
**Contact your G.James representative for further information.**

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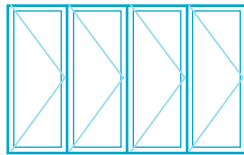


Configurations

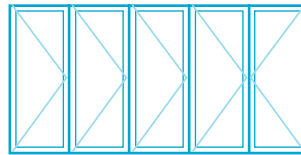
**3 Leaf**



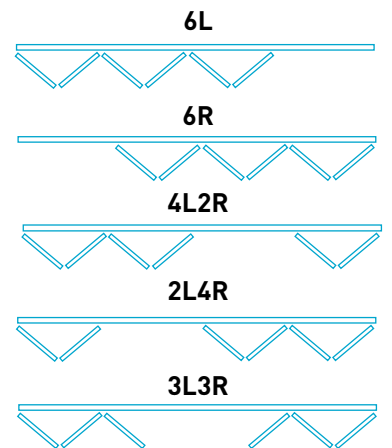
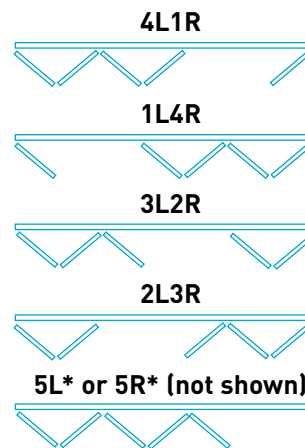
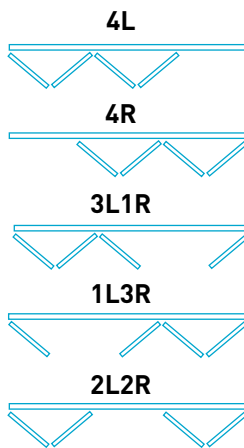
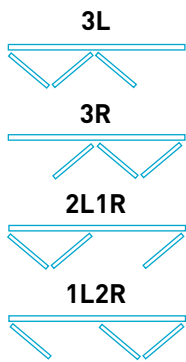
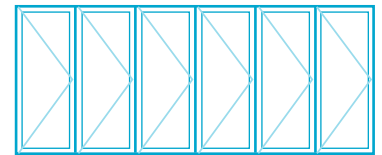
**4 Leaf**



**5 Leaf**



**6 Leaf**



\* Available with the 477-220 Series **Top Hung** Bi-fold Door only.

Product	Max. Height (mm)	Min. Width per Leaf (mm)	Max. Width per Leaf (mm)	Other
<b>477-220 Series 'Top Hung' Bi-fold Door</b> (Note: Structural beam (by builder) required for this product. See also first note below).	3000	700	<ul style="list-style-type: none"> <li>&gt; All 3L, 3R, 5L &amp; 5R configs – 950mm</li> <li>&gt; All other configs – 1000mm</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Max. panel weight – 40 kg.</li> </ul>
<b>477-520 Series 'Bottom Rolling' Bi-fold Door</b>	2550 (Max. height is dependent on leaf width)	450	<ul style="list-style-type: none"> <li>&gt; All 3L &amp; 3R configs – 900mm</li> <li>&gt; All other configs – 1000mm</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Max. panel weight – 80 kg.</li> <li>&gt; 5L &amp; 5R configs are not available in the 477-520 Series.</li> </ul>

**Product Specific Notes:**

- A structural overhead beam is required for 477-220 Series Top Hung Bi-fold Doors. All beams are to be supplied by the builder and engineered with a maximum 3mm sag when subjected to live and dead loads.
- Bi-fold Door / Window combinations are also possible however these

- units are suitable for sheltered, non-exposed positions only.
- Consult your G.James representative regarding configurations greater than 5 leaves to determine the most suitable configuration for your situation.
- Internal flyscreen option only, see you G.James representative for further informations.