Brio®

SCREEN SOLUTIONS

For sliding and folding systems

Brio®

where ideas unfold

Brio stands for high-quality, sliding and folding door hardware which is expertly designed, assembled and tested, in Australia. Our products breathe light into buildings by bringing the outdoors in, opening up spaces and creating havens.

We have a passion for turning design ideas into functional solutions, whether connecting living spaces with beautiful vistas or providing flexible work areas for classrooms and offices.

As part of the Allegion family of brands, Brio has local expertise backed by global resources which is why Brio is a leader in door hardware solutions. It is why we are the trusted choice time after time.

Screens installed by Phantom Screens

Screen assembly plant in Brooklyn, Victoria
Cover image: designed by Archier architects, photography by Rory Gardinier Photography

Screen solutions

Outdoor-indoor living combines the convenience of home with the freedom of nature, encouraging relaxation and a healthier lifestyle. Opening windows, sliding patio doors, or large bifolds, invites natural daylight and fresh air into living spaces. However, this openness can also invite unwanted pests. That's why insect screens are essential in an outdoor-indoor connection. They enable natural ventilation while effectively preventing the intrusion of mosquitoes, flies, and other insects that cause irritation and health risks. By promoting airflow with enhanced air quality, insect screens also reduce dependence on air conditioning, improving energy efficiency.

Brio's insect screens are manufactured locally in Victoria, Australia where a strong commitment to quality control ensures expert craftsmanship every time. Local manufacturing allows screens to be tailored to customer needs such as colour matched frames, to seamlessly blend with door and window openings, as well as a variety of sizes to fit a range of openings, all within a short lead time.

Brio can deliver screen solutions for:

- Kitchen to alfresco dining serveries
- Large window openings
- Living to patio bifolds or sliding panels

612 Retractable Pleated Insect Screen

Developed for flexibility and tested for durability, the patented Brio 612 screen can span 9m* openings, making it one of the largest screen products of its type, and popular around the world.

Assembled in Australia, the 612 uses high strength, braided tensioning cords to stabilise the screen mesh and control vertical orientation of the handle bar. These tensioning cords run over multiple precision bearings to ensure smooth and quiet operation for the screen's lifetime. Which has been tested in excess of 150,000 cycles.

The UV stable, European, black mesh has been specifically pleated so the screen can retract to a small footprint either side of the opening, removing the need for unsightly canisters which are integral to flat roller screens.

Designed as an independent component for any window or door system, Brio's 612 screen can also be seamlessly integrated with Brio's bifolding Weatherfold systems or straight sliding Pro Run and Timberoll systems.

Applications:

- Bifolds, French doors, windows and sliding panels
- Corner applications with no meeting post
- Pocket cavity (accessory required)
- New builds and retrofit (where frames permit)

Specifications

Min opening width:	600mm
Min opening height:	900mm
Max opening width **- single screen:** **- double screen*:**	 4500mm 9000mm
Max opening height:	3200mm
Frame finish:	Powder coat black Powder coat silver Powder coat white Custom upon request

Doors made by Stegbar

Doors made by Watts Glass

Doors made by Windoor Joinery, photography by Tom Fergusson Photography

312 Automated Pleated Insect Screen

Using the same, high-quality materials of the 612 screen, the 312 is used for horizontal, automated operation, making it ideal for screening large bifolding or awning windows.

Motorised roller technology eliminates the need for chains and allows the screen to operate smoothly at the touch of a button. The wall mounted docking unit houses the remote control which can operate up to 5 different screens. No hard wiring is required during installation as the screen unit is battery operated and recharged via mini-USB port.

Designed to integrate with Brio's Weatherfold 35 Servery and Window systems, the 312 screen is an elegant solution for protecting servery windows which connect kitchens and outdoor entertaining spaces.

Specifications

Min opening width:	800mm
Min opening height:	1000mm
Max opening width:	2600mm
Max opening height:	1800mm
Frame finish:	Powder coat black

Specifications

612 Screen

Maximum height mm / Maximum width mm

Maximum height mm	1100	1500	2000	2700	3600	4500
3200	KIT-9		KIT-10	KIT-11	KIT-12	
3000						
2800						
2600						
2400	KIT-5	KIT-5	KIT-6	KIT-7	KIT-8	KIT-8
2200						
2000						
1800						
1600		KIT-1	KIT-2	KIT-3	KIT-4	
1400						
1200	KIT-1					
1000						
800						

312 Screen

Maximum width mm / Maximum height mm

Maximum width mm	1200	1400	1600	1800
2600	●	●	●	●
2400	●	●	●	●
2200	●	●	●	●
2000	●	●	●	●
1800	●	●	●	●
1600	●	●	●	●
1400	●	●	●	●
1200	●	●	●	●
1000	●	●	●	●

312 screens supplied as 1 component.

612 screens supplied as 2 components, screen and frame.

612 screen width reduces in size to the next smallest screen, height can be cut down by up to 200mm.
312 screen height reduces in size to the next smallest screen, width can be cut down by up to 200mm.

Product codes

Code example: RSDL 32 - 45 PBK

RSDL	32		45		PBK
System	**Height mm**		**Width mm**		**Finish**
	312	612	312	612	
RSDL - 612 Screen	12 - 1200	08 - 800	10 - 1000	11 - 1100	**PBK - Powder coat black**
RSWA - 312 Screen	14 - 1400	10 - 1000	12 - 1200	15 - 1500	PWT - Powder coat white
	16 - 1600	↓	↓	↓	PGY - Powder coat grey
	18 - 1800	**32 - 3200**	26 - 2600	**45 - 4500**	SPEC - Custom (surcharge applies)

Our Services

Certified CPD training

As an accredited member of the Australian Institute of Architect's Refuel CPD program, Allegion representatives can provide approved training from electronic locking to sliding and folding hardware

Australian Institute of Architects | **Refuel CPD Provider**

Accurate and detailed specifications

Allegion prepares thorough and in-depth hardware specifications for the entire project, utilising our industry leading platform Overtur.

OVERTUR™

Technical support hub

The Australian based Technical Support Hub has answers to your most complex questions, with expert advice from specification to installation.

1300 898 596 or **techsupport.au@allegion.com**

About Allegion™

Allegion (NYSE: ALLE) is a global pioneer in seamless access, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion secures people and assets with a range of solutions for homes, businesses, schools and institutions.

For more, visit **www.allegion.com.au** or **www.allegion.co.nz**

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