

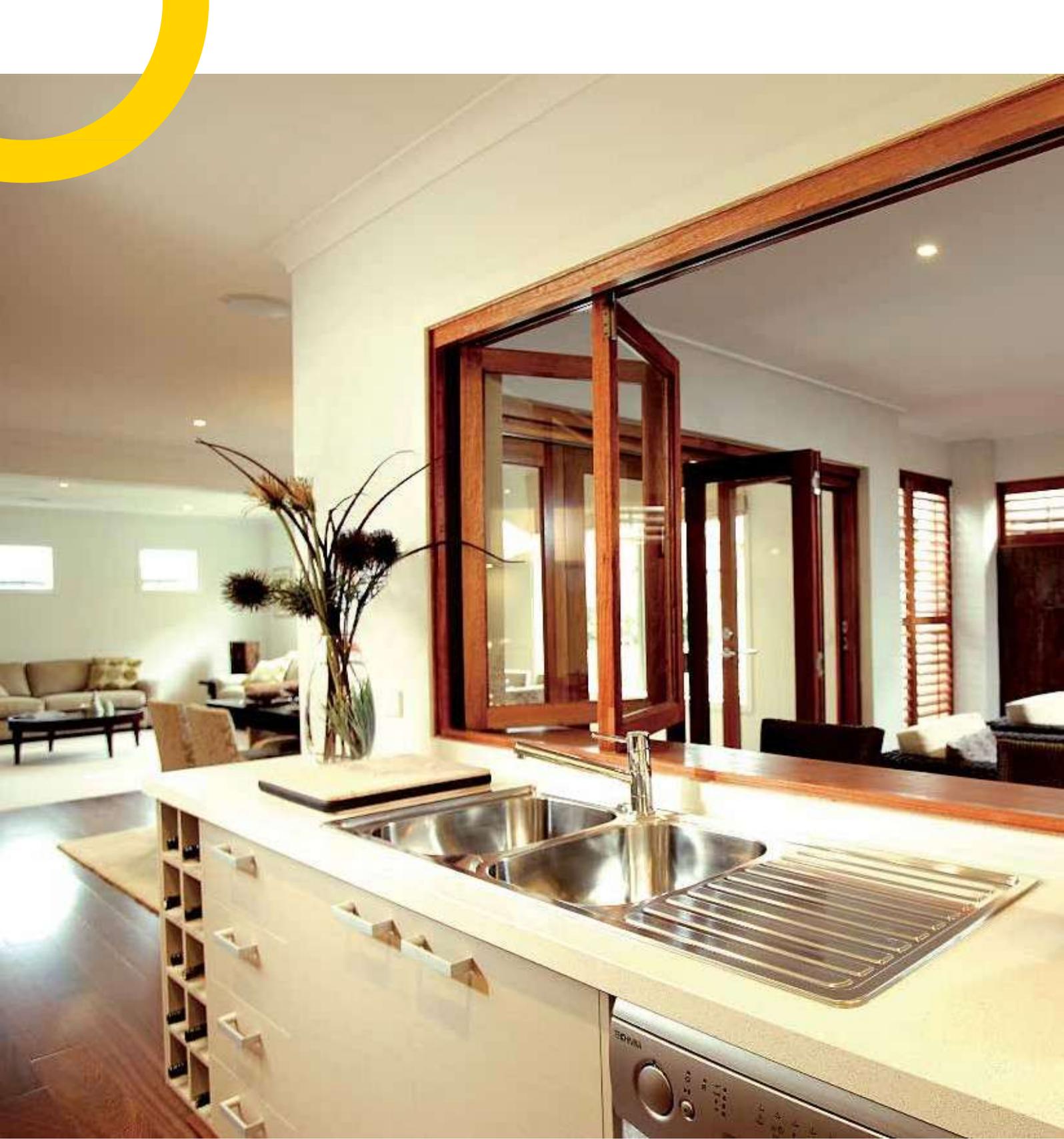
Brio®

Brio® where ideas unfold

Brio® Weatherfold 4s Window & Servery

Exterior folding window hardware systems for sashes up to 25kg





Weatherfold 4s Window & Servery **Systems**



Weatherfold 4s Servery 25

The Brio® Weatherfold 4s Servery 25 has been developed specifically to meet the requirements of servery type installations. As no sill or channel is required, the work surface is left completely unobstructed from one side to the other making this an ideal solution for kitchen serveries that open out to exterior dining areas.

Max Sash weight: 25kg

Max Sash height: 1800mm

Max Sash width: 650mm

Min Sash thickness: 35mm

Max number of sash: 2 each way

Max opening: 2600mm

Hinge type: Non mortice

Finishes: Stainless Steel (SS), Polished Stainless (PS)

Weatherfold 4s Window 25

Brio® Weatherfold 4s Window 25 is designed for exterior folding windows in residential or light commercial applications with up to six panels folding in one direction. Each window sash can be up to 1000mm wide and weigh 25kg, comfortably accommodating a span of 12 metres. This is made possible by the new recessed bottom guide system. The guide system not only provides stability for folding up to 12 window sashes, its concealed low profile design and excellent weatherproofing capabilities make it an ideal option for window sills..

Max Sash weight: 25kg

Max Sash height: 1800mm **Max Panel height:** 2600mm

Max Sash width: 1000mm **Max Panel width:** 820mm

Min Sash thickness: 35mm

Max number of sash: 6 each way

Max opening: 12000mm

Hinge type: Non mortice

Finishes: Stainless Steel (SS), Polished Stainless (PS)



Weatherfold 4s Window & Seryery Systems

Brio® Weatherfold 4s Window 25 and Brio® Weatherfold 4s Seryery 25 utilise the same technology as the Weatherfold 4s door systems, but on a smaller scale. High-speed precision bearings, grooved-wheel hangers and 316 cast stainless steel components are all standard features.

The compact structural aluminium 120 track profile serves to reduce the risk of contamination as debris is less likely to accumulate on the raised rails. The 120 track is available in either Mill or 25 micron clear anodised aluminium for improved corrosion resistnace.

Built to last

Tested for durability, Brio® Weatherfold 4s Window & Seryery systems comfortably exceeded 100,000 cycles. We offer a 10-year warranty on all Weatherfold 4s Window 25 and Weatherfold 4s Seryery 25 hardware.

Application

The Weatherfold 4s Window 25's and Seryery 25's clean lines, smooth operation and flexible functionality, makes the systems suitable for many applications with a wide range of configurations. The Weatherfold 4s 25 family is most suited for applications that include kitchen serveryes, living areas, bedrooms, cafes, hotels, bars and restaurants or where an architectural feature is desired.

Sash sizing

The innovative hinge and pivot system from Brio® enables the use of equal sized sashes regardless of the window configuration ensuring a uniform look and greater manufacturing efficiency is achieved.

Weathersealing

Combined with proprietary seals around the frame and sashes both Weatherfold 4s Window 25 and Weatherfold 4s Seryery 25 can deliver outstanding weatherproofing characteristics.



New guide system

It took many years to perfect a guide system that could meet so many requirements. The guide system had to carry the load of an exceptionally larger sash of 1000mm, a width beyond most sash systems. The guide system had to accommodate variations in height that commonly occur across the opening. Weatherfold 4s Window 25 guide with its double roller design can accommodate such imperfections.

In addition to making the window sill look great, the new bottom guide channel with its low profile concealed design makes the system easy to install and maintain.

Sash security

To complete the Window system, a complete range of window flush bolts is available, including the 360 flush bolt for timber and the 512 for aluminium, both available in lockable and non-lockable models.

Improved corrosion resistance

Weatherfold Window systems are designed with the elements in mind with extensive use of 316 cast stainless steel, stainless steel bearings and architectural grade stainless steel components. To further safeguard against corrosion, Brio® is one of only a few global companies to passivate all visual stainless steel surfaces and electro-polish all cast stainless components. This removes contaminants and greatly reducing or eliminating surface rust often referred to as 'tea-staining'.

Tea-staining is the visually brown discolouration of the surface of stainless steels that is a relatively common occurrence in coastal and marine environments or when in contact with water containing significant chlorides. Higher temperatures, humidity, wind and salt deposits from intermittent sea spray are all contributing factors to this staining that generally becomes progressively worse closer to the coast. Aesthetically unpleasant, tea-staining does not affect

the structural integrity, or longevity of the material. Rough grained surface finishes tend to promote tea-staining, the smoother the finish the better. Smooth polished finishes do not have grains or crevices where chlorides and other contaminants can collect. For this reason Brio® strongly recommends on coastal or marine applications within 5 kilometres of the coastline or high chloride environments, Polished stainless steel or PVD Brass hardware be installed.

To complete the package all aluminium on Weatherfold Window systems is anodised to marine grade 25 microns.

Installation and adjustment

The system is provided in a convenient kit format that covers a wide range of configurations. Detailed easy to follow instructions are provided with all fixing screws. Both Weatherfold Window 25 and Severy 25 systems allow easy adjustment onsite for those not so perfect frame installations via the 5mm allen key provided for both vertical and horizontal alignment.

Specification

Both systems are suitable for folding timber and aluminium windows with a maximum panel weight of 25kg. CAD detail is available for download from the Brio website or contact Brio® for our free specification service.

Software

Brio® Weatherfold 4s Window 25 and Severy 25 software facilitates simple calculation of the sash sizes for any opening or configuration, and is available as a free download from the Brio website.

Care and maintenance

To help prevent tea-staining, Brio® recommends to wash regularly, even smooth stainless steel finishes in coastal environments may show signs of tea-staining if not washed regularly. Sheltered areas that are not rain washed are particularly susceptible. As a guide, if a window or door requires washing then wash the hardware. Wash with soap or mild detergent and warm water followed by rinsing with clean cold water and wipe dry.



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