

A large yellow circle is centered on the page, framing a view of a modern interior. The view is through a retractable insect screen, which is partially retracted, revealing a living room. The room features a brown sofa, a dark wooden coffee table with a glass and some food on it, and a staircase with wooden steps in the background. The overall aesthetic is clean and contemporary.

## Brio 612 Retractable Pleated Insect Screen

# Brio 612 Retractable Pleated Insect Screen

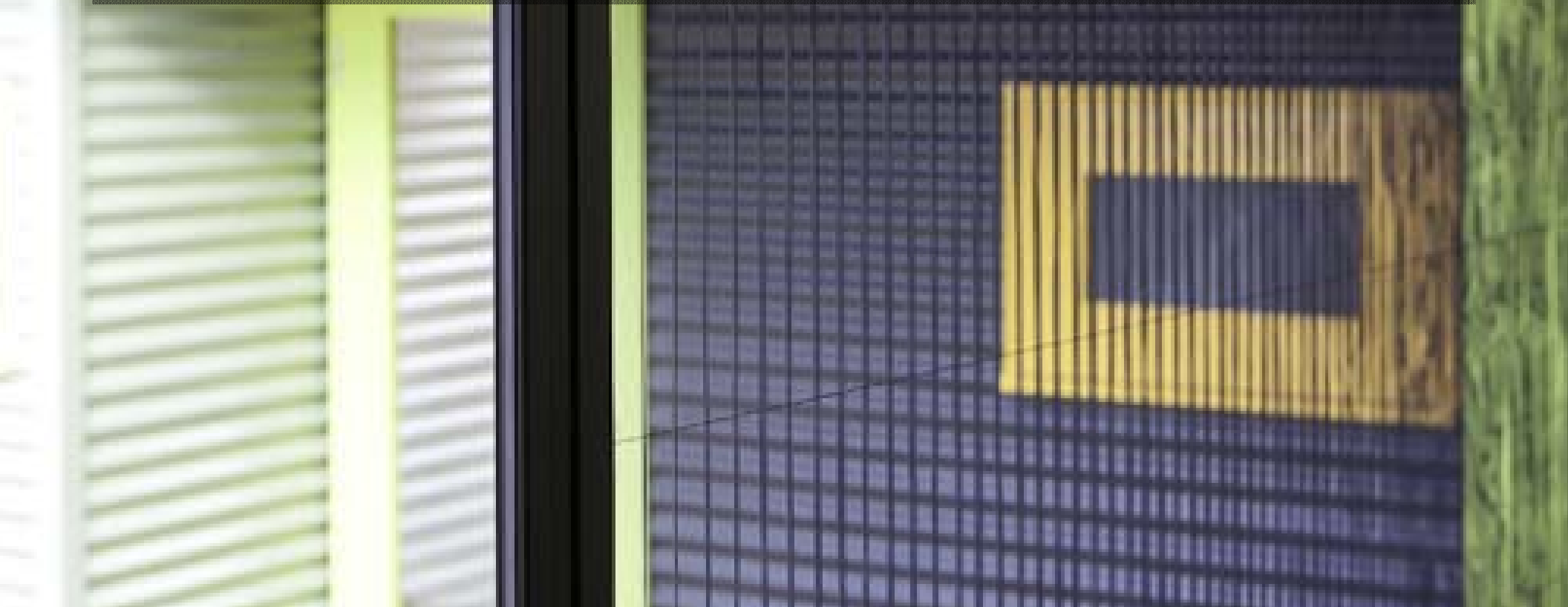
- Protects against annoying insects
- Uninterrupted views
- Uncompromised Ventilation & Safety
- Large single span 3200mm high x 4500mm wide  
Double screens up to 9m wide

- Highest Quality European PVC-coated pleated polyester mesh with UV protection and water resistant

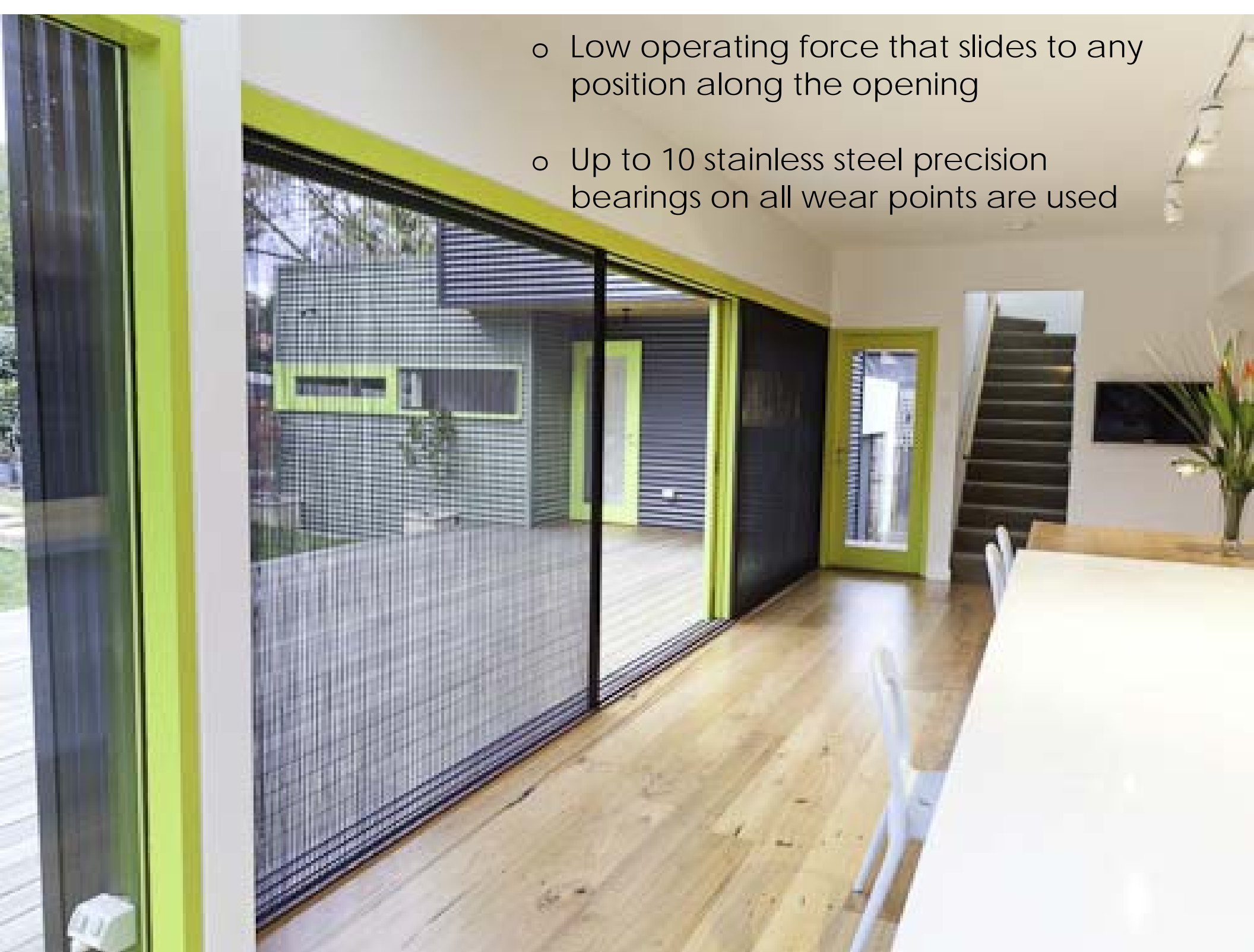




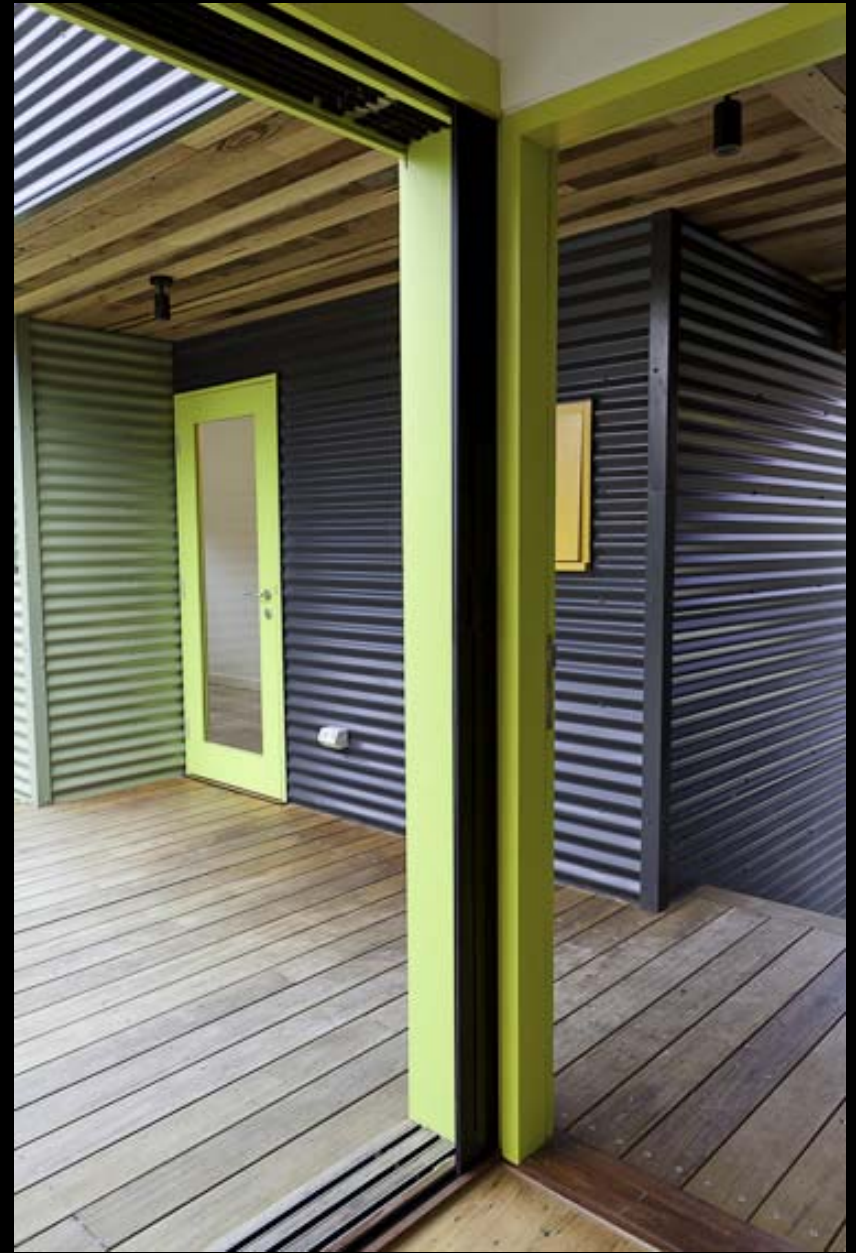
- The screen is fitted with high strength tensioning cords made from Vectran® braids which run horizontally across the opening to:
  - provide stability to the screen,
  - control the vertical orientation of the handle bar,
  - help prevent the mesh from blowing out of its channels in windy conditions.
- wind test withstanding wind gusts up to 30kph
- The mesh has a 20mm wide pleat set at an angle of 45 degrees which adds stability to the screen making it inherently more stable to sag than flat mesh roller screens.



- Low operating force that slides to any position along the opening
- Up to 10 stainless steel precision bearings on all wear points are used



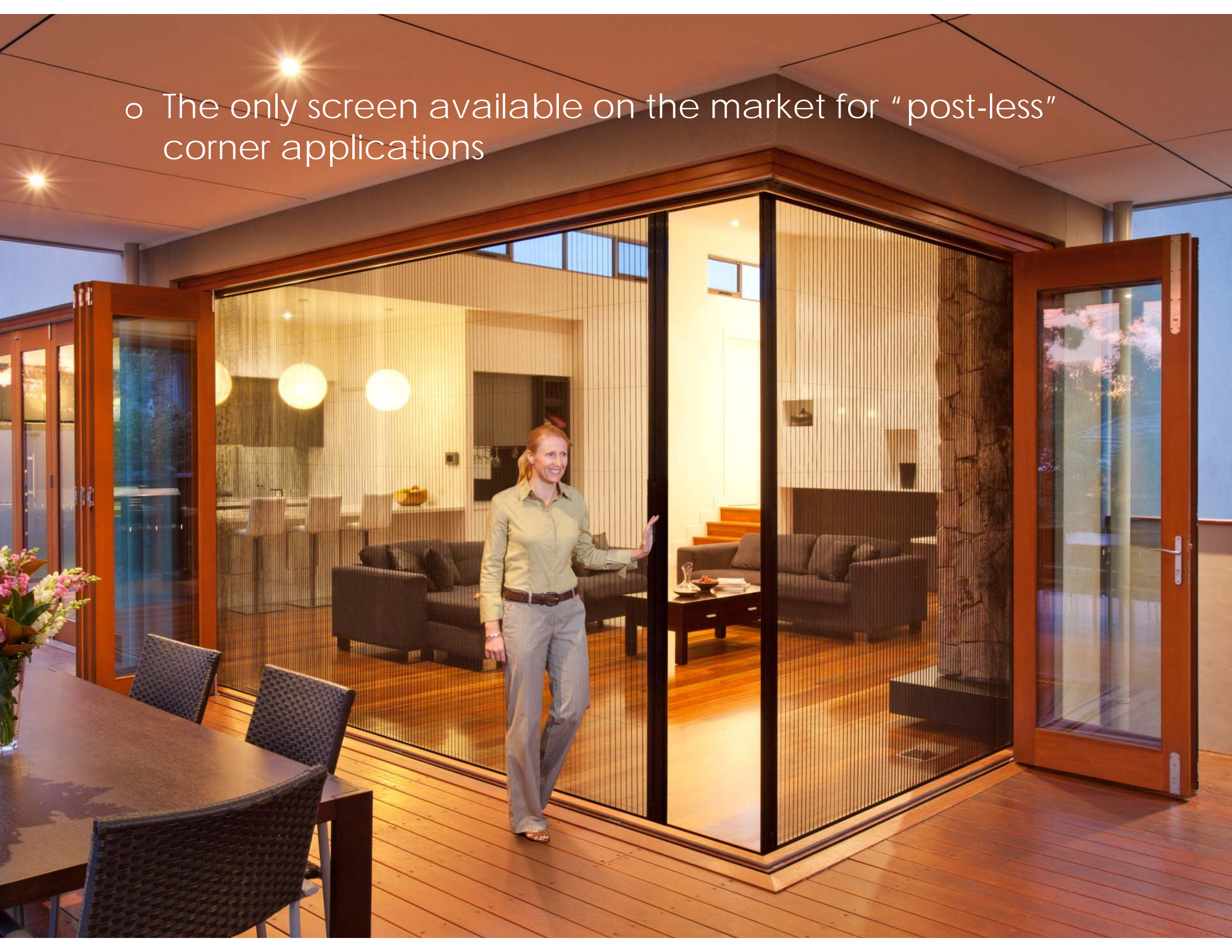




- Designed to be easily integrated into the joinery frame
- Only 30mm deep channel



- o The only screen available on the market for “post-less” corner applications



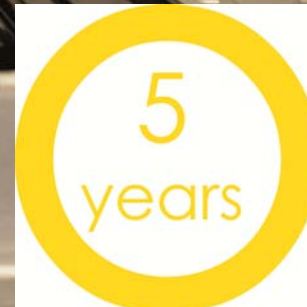






- Designed & Assembled in Australia
- Patent protected cassette adjustment system.
- Tested to over 150,000 cycles
- 5 Year Limited Warranty
- **Quality Control**

Brio is committed to continuous improvement of quality and is certified to quality management system **AS/NZ ISO9001:2008**













- When not in use the screen discretely retracted and stacks away

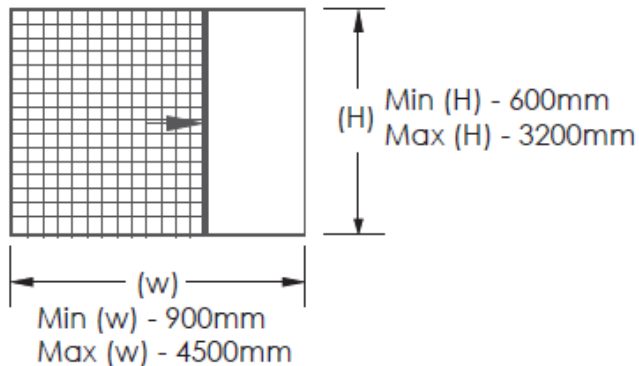




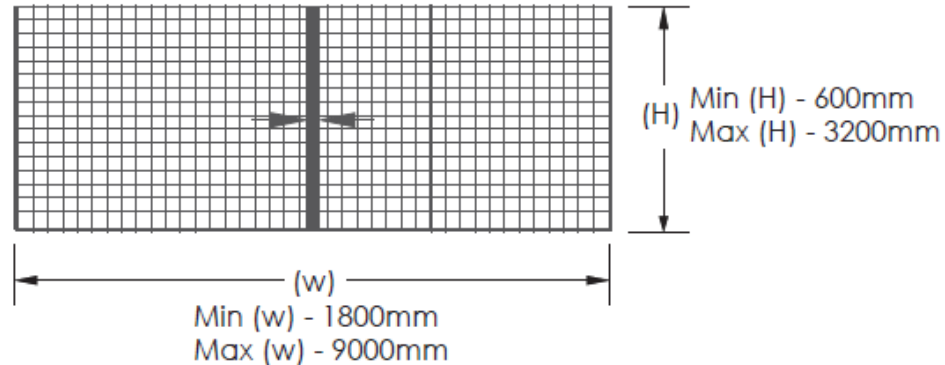
# Brio 612 Retractable Pleated Insect Screen

- Suitable for windows, folding doors, sliding and French / Patio door applications.

Single Screen



Double Screen



# 612 Screen Kit Sizes

- The screen is available in 13 standard height ranges starting from 800mm up to 3200mm high, each screen can be cut down by up to 200mm.
- The screen has 5 standard width ranges, each screen reduces in width to the size of the next smallest screen – No Cutting Required.
- 66 standard kits in total.

		Single Screen					
		Width Range mm					
		900 - 1100	1100 - 1500	1500 - 2000	2000 - 2700	2700 - 3600	3600 - 4500
Height Range mm	3000 - 3200	•	•	•	•	•	•
	2800 - 3000	•	•	•	•	•	•
	2600 - 2800	•	•	•	•	•	•
	2400 - 2600	•	•	•	•	•	•
	2200 - 2400	•	•	•	•	•	•
	2000 - 2200	•	•	•	•	•	•
	1800 - 2000	•	•	•	•	•	•
	1600 - 1800	•	•	•	•	•	
	1400 - 1600	•	•	•	•	•	
	1200 - 1400	•	•	•	•		
	1000 - 1200	•	•	•	•		
	800 - 1000	•	•	•			
	600 - 800	•	•	•			

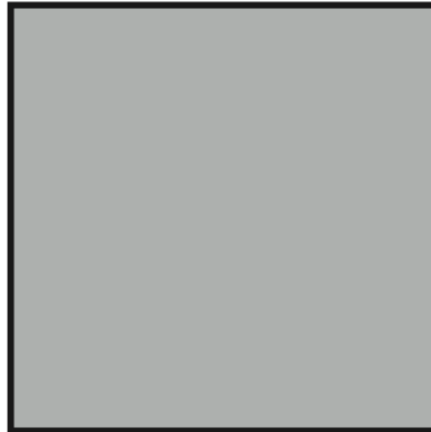


# Screen Colours

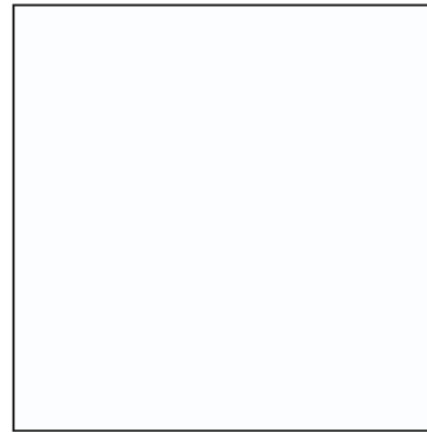
- 3 standard Dulux Powder coat colours available



Black Matt  
19319 Matt  
Duralloy®



Precious Silver Pearl  
971-7043K Satin  
Precious® Kinetic®



Pearl White  
81880 Gloss  
Duralloy®

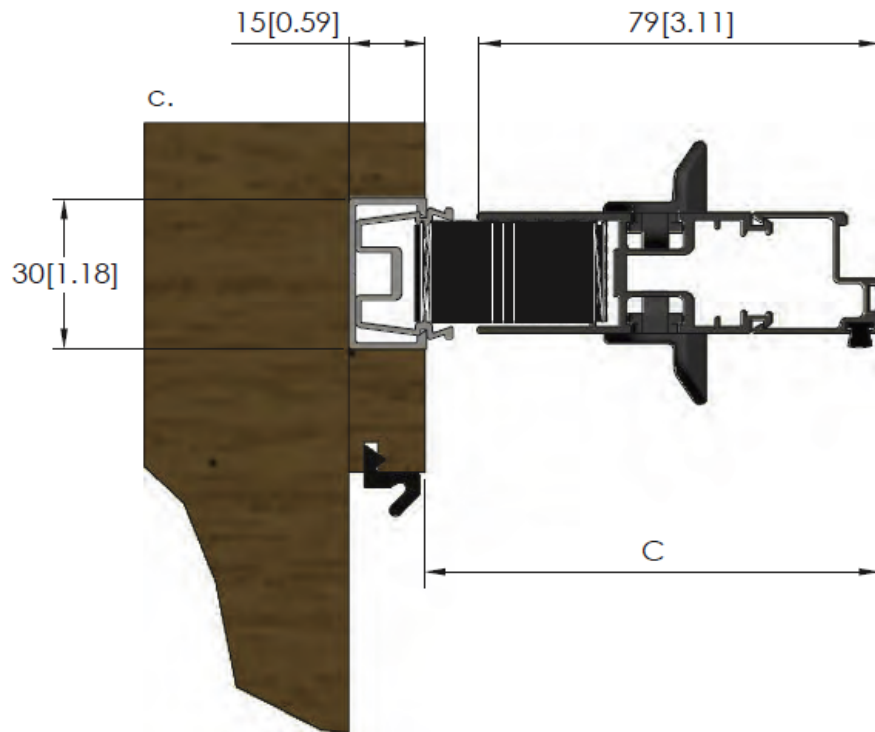
- Custom colours available from Dulux Powder Coat range, lead-times and additional charges apply.

# Mesh Specification

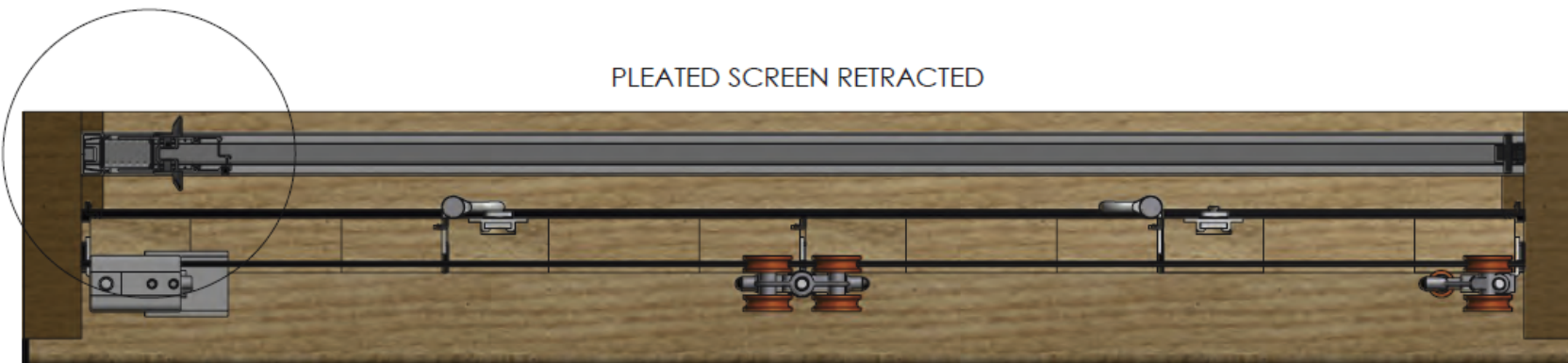
article name:	ZBA
pmg:	770
raw gauze code	ZBA
gauze composition	100% polyester
yarn type	100/76 Dtex
weight	80 g/m <sup>2</sup>
thickness	0,33 mm
tearstrength, length	330 N/5cm
tearstrength, width	325 N/5cm
elongation, length	34%
elongation, width	45%
UV stability Black	6-7 (according ISO 105 B04)
Sun protection	Up to 38% blockage
Openness	62 %



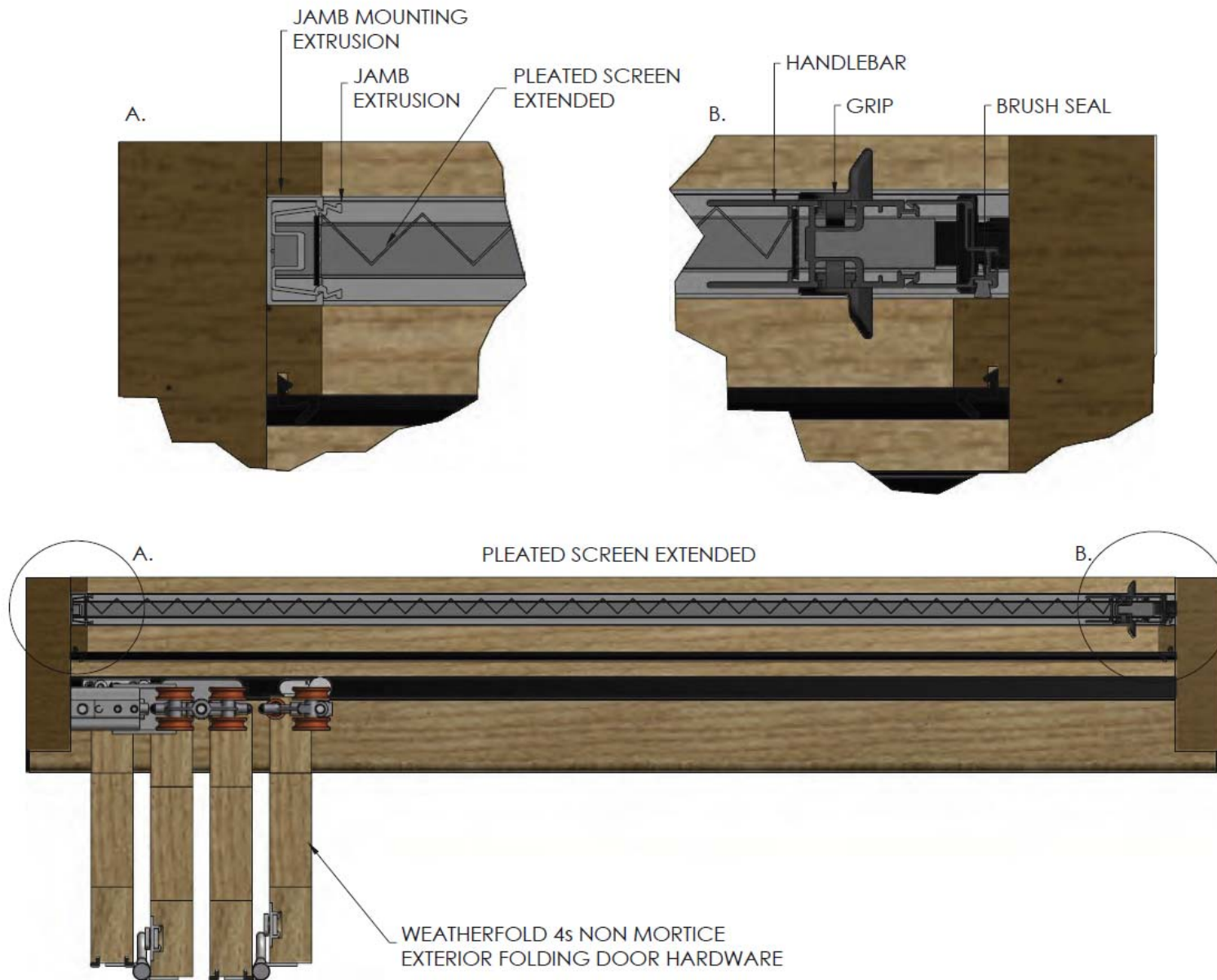
# 612 Screen Integration with Weatherfold 4s Folding Applications



SCREEN WIDTH MM [IN]	DIMENSION C (OVERALL)
1100 [3'7"]	85 [3.35"]
1500 [4'11"]	95 [3.74"]
2000 [6'7"]	108 [4.25"]
2700 [8'10"]	125 [4.92"]
3600 [11'10"]	158 [6.22"]
4500 [14'9"]	185 [7.28"]

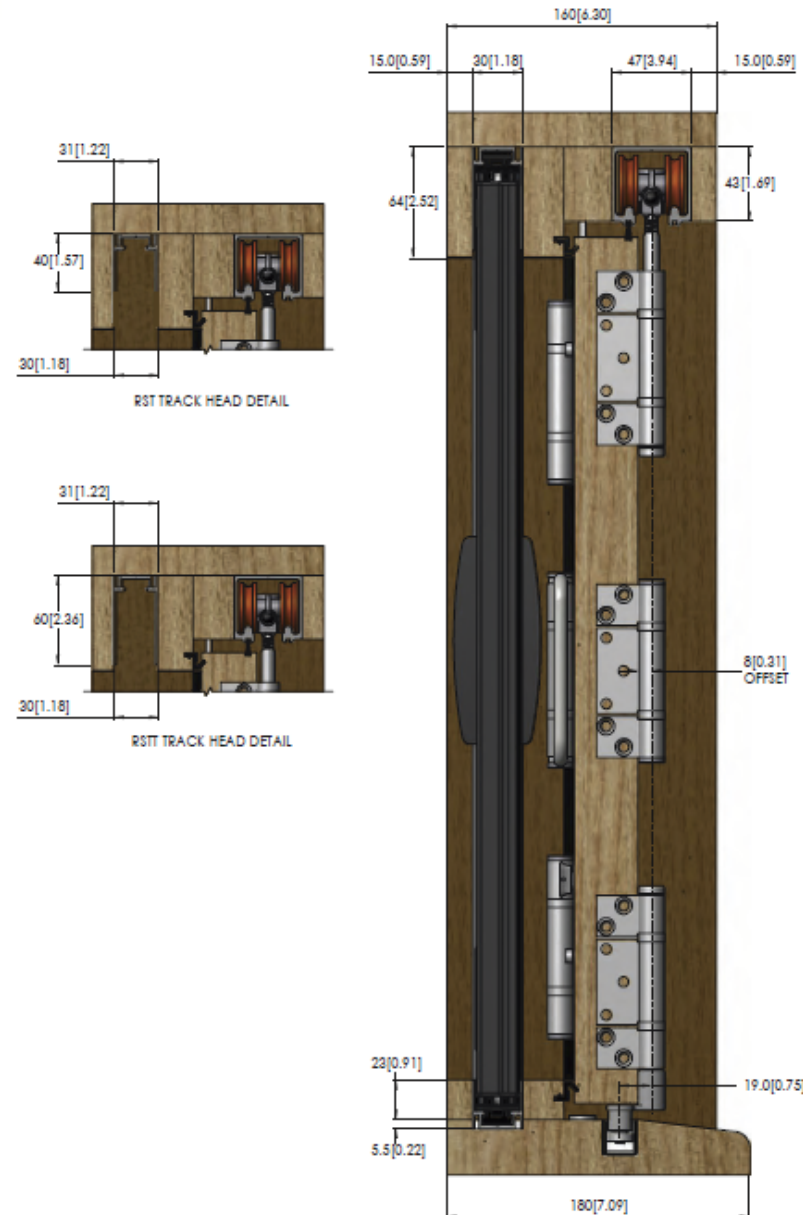


# 612 Screen Integration with Weatherfold 4s Folding Applications





# 612 Screen Integration with Weatherfold 4s Folding Applications







# Brio Website



## Products

- Straight Sliding
- Folding
- Multidirectional
- Locking Solutions
- Screen Solutions

- 95HS Hybrid Sill
- Louvrefold 20
- Screenfold 20
- Shutterfold 20
- Weatherfold Servery 20
- Weatherfold Window 20
- Weatherfold 4s 50
- Weatherfold 4s 75
- Weatherfold 4s 100
- Weatherfold 4s 150

## Weatherfold 4s 50

### Application

Brio Weatherfold 4s 50 is an architectural hardware system for top hung exterior folding doors weighing up to 50kg. Up to 8 equal size panels can fold seamlessly in each direction with inward or outward opening functionality. Brio Weatherfold 4s is a complete hardware solution that includes pivot sets, hanger sets, hinge sets, top track, bottom channel, seals, locking and flush bolt options.

### Product Downloads

- Product Brochure
- Technical Specifications
- CAD Drawings - DXF, DWF, DWG
- Instructions
- Calculator
- Care & Maintenance
- Product Warranty



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Instructions, Warranty, Care & Maintenance and CAD Files available for download – DWF, DWG and DXF formats at [www.brio.com.au](http://www.brio.com.au)



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