

Brio®



Brio® where ideas unfold

## **Brio® 612 Retractable Pleated Insect Screen**

For openings up to 3.2 metres high by 9 metres wide

# About us

## Brio® where ideas unfold

Watch your adventurous architectural ideas unfold into exciting reality with the Brio range of sliding and folding door hardware.

Brio is passionate about shaping the spaces in which people live, work and play. With headquarters in Sydney Australia and subsidiaries in the UK and USA, Brio is recognised around the world as a leading design and manufacturing company.

Brio's R&D department brings a strong design element to the business, developing and testing ground breaking concepts that continue to be at the forefront of the industry.

So it's no surprise our name Brio translates to Energy, Spirit and Vitality - the core values that drive us to always discover new solutions for our customers.

We are committed to the continuous quality improvement and our headquarters in Sydney is certified to Quality Management System AS/NZS ISO 9001: 2008.





## Brio 612 Retractable Pleated Insect Screen

The Brio 612 Retractable Pleated Insect Screen is a fine example of our passion for shaping the spaces in which people live, work and play.

In the past, insect screening was limited to narrow openings for single & double doors. But now the Brio 612 Screen has changed the possibilities, with the capability to cover large openings; making it one of the biggest single span products of its type in the world.

### Highlights

- A single Brio 612 Screen can span widths up to 4.5m
- Two meeting Brio 612 Screens can span up to 9m
- Only 30mm deep
- Surface mounted to the jamb
- Pleated screen that is inherently more stable to sagging than flat mesh screens

### Specifications

	Single Screen		Double Screen	
	Height mm	Width mm	Height mm	Width mm
<b>Minimum</b>	600	900	600	1800
<b>Maximum</b>	3200	4500	3200	9000

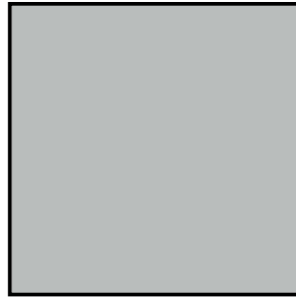


## New colours

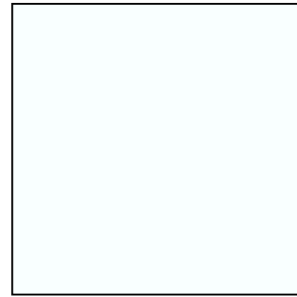
With three standard options to choose from, the Brio 612 Screen will complement most colour schemes. Aluminium sections are available in powdercoat Custom Black, APO Grey and Pearl White. Custom colours are also available.



Custom Black



APO Grey



Pearl White

## Assembled in Australia

To ensure the highest level of quality is maintained for our customers, Brio 612 Screens are assembled in Australia.

Our manufacturing facility in Sydney has made a significant investment into purpose built robotic equipment that provides exceptional quality control.

This also means you can rely on the responsiveness of the Brio team for delivery of your screens.



## Applications

The Brio 612 Screen is independent of any particular window or door system. This enables it to be used in a multitude of applications including Folding Doors, Sliding Doors, French Doors and many windows.

The Brio 612 Screen is designed to be integrated into windows and doors making the unit discreet in appearance and operation.

The Brio 612 Screen is tailor made to integrate seamlessly into Brio's Weatherfold exterior systems, and Brio's Single Run and Timberoll sliding door systems.



## Sliding Stacker Door Application

We've designed new screen kits for sliding stacker door applications. The Brio 612 Screen is rebated into the edge of the fixed panel rather than the screen running behind the fixed panel and across the whole jamb to jamb to opening, delivering a range of aesthetic and economic benefits:

- The screen installation fits within standard frame and jamb widths. Oversized jambs are not required.
- The screen does not cover the fixed panel when in use, providing an uninterrupted view through the fixed panel.
- Only the usable opening width requires screening.
- The sliding door panel seals against the screen to provide a weatherproof seal.





## Performance

The Brio 612 Screen uses only the finest quality materials including European Polyester Mesh.

Tensioning cords run horizontally over multiple precision bearings. The tensioning cords provide stability to the screen and control the vertical orientation of the handle bar. The precision bearings significantly increase the life of the screen and keep operating force very low, enabling effortless opening and closing.

We take performance and durability very seriously. Nothing carries the Brio brand without undergoing a rigorous test program. The Brio 612 Screen, patent pending, is no exception. It has been successfully tested to perform over 150,000 cycles.

## Warranty

For peace of mind, the Brio 612 Screen comes with a 5 year warranty. Some conditions apply. The warranty does not extend to any damage caused to the mesh by pets, children and the occasional adult. Refer to our website for details.

## Postless Corner Application

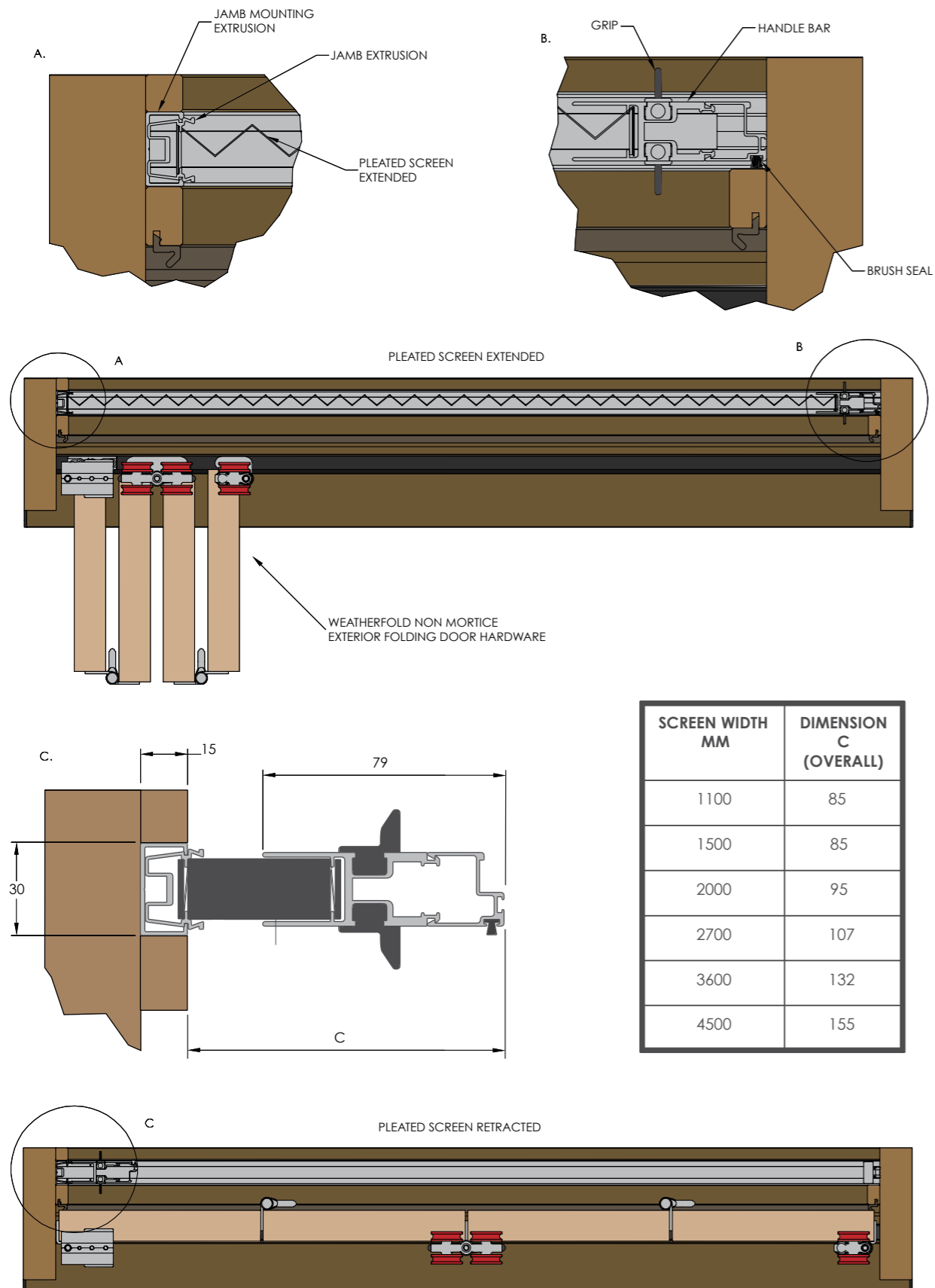
Now here is a feature that we know many Specifiers appreciate. The Brio 612 Screen can screen corner openings without the need for a corner post, providing stunning uninterrupted views.



# Architectural Details

## Top View

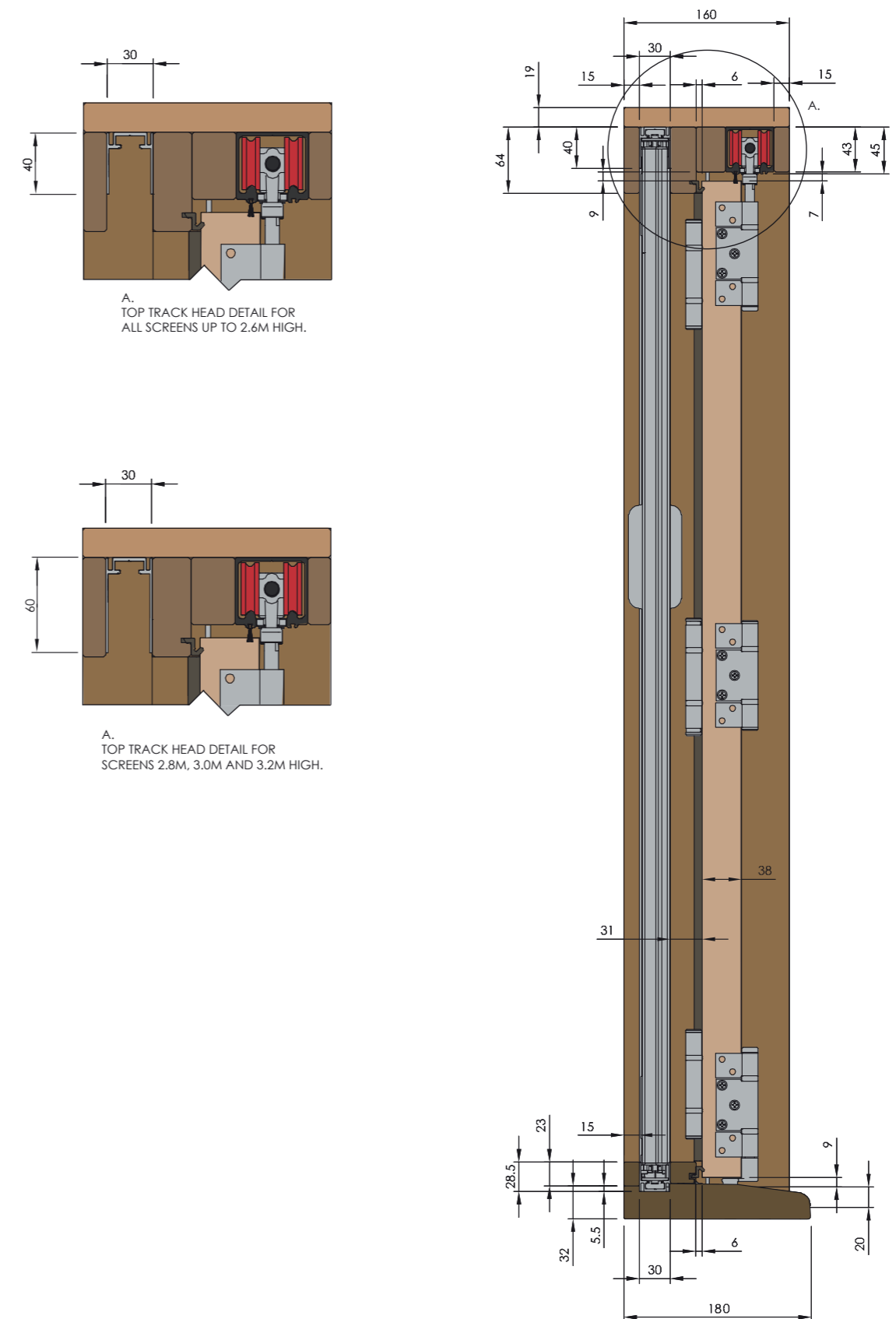
Brio 612 Retractable Pleated Insect Screen with Brio Weatherfold exterior folding door hardware



# Architectural Details

## End View

Brio 612 Retractable Pleated Insect Screen with Brio Weatherfold exterior folding door hardware featuring non mortice hinges

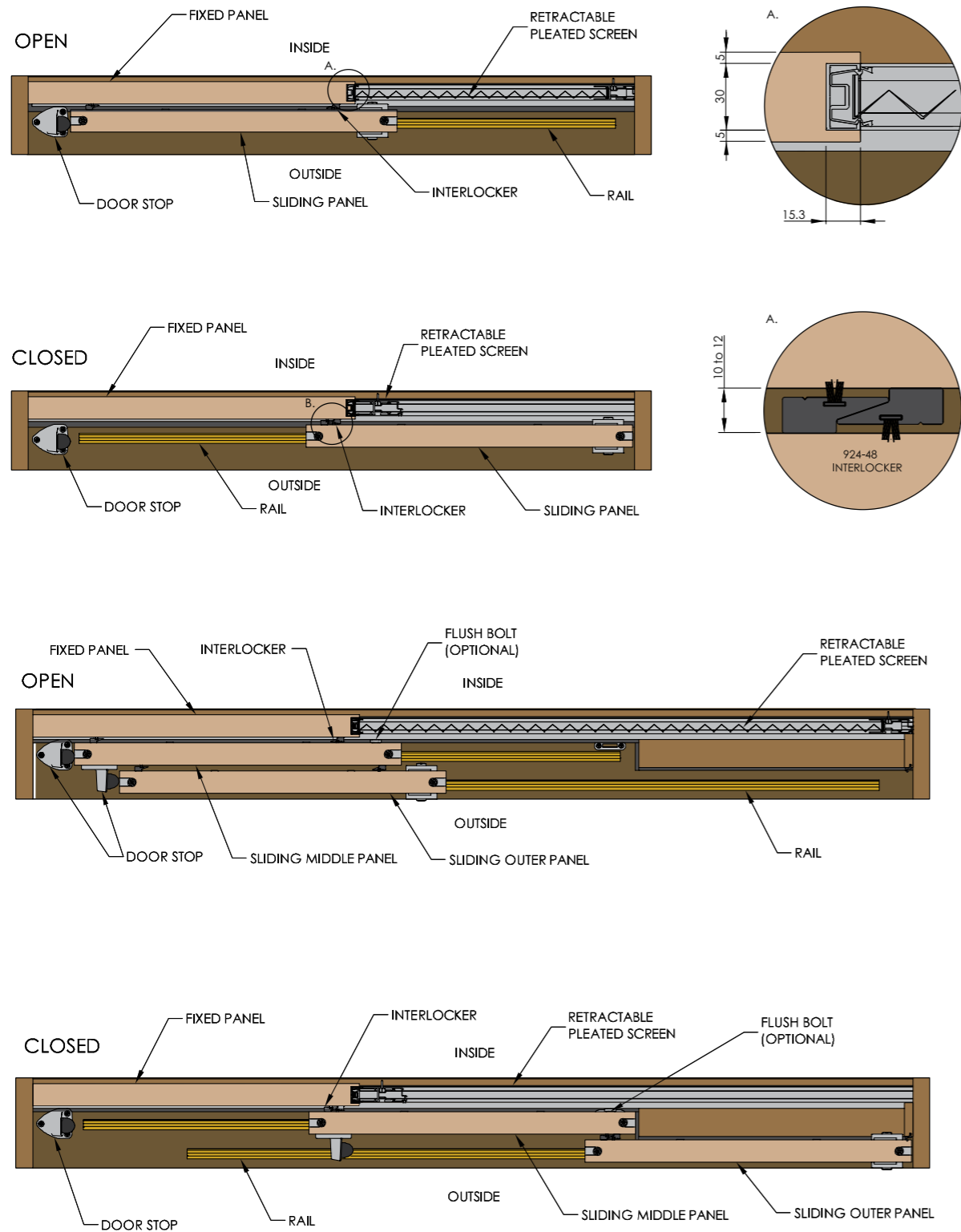


# Architectural Details

## Top View

Brio 612 Retractable Pleated Insect Screen rebated into the fixed panel

with Brio Timberoll 200 exterior bottom roller sliding door hardware

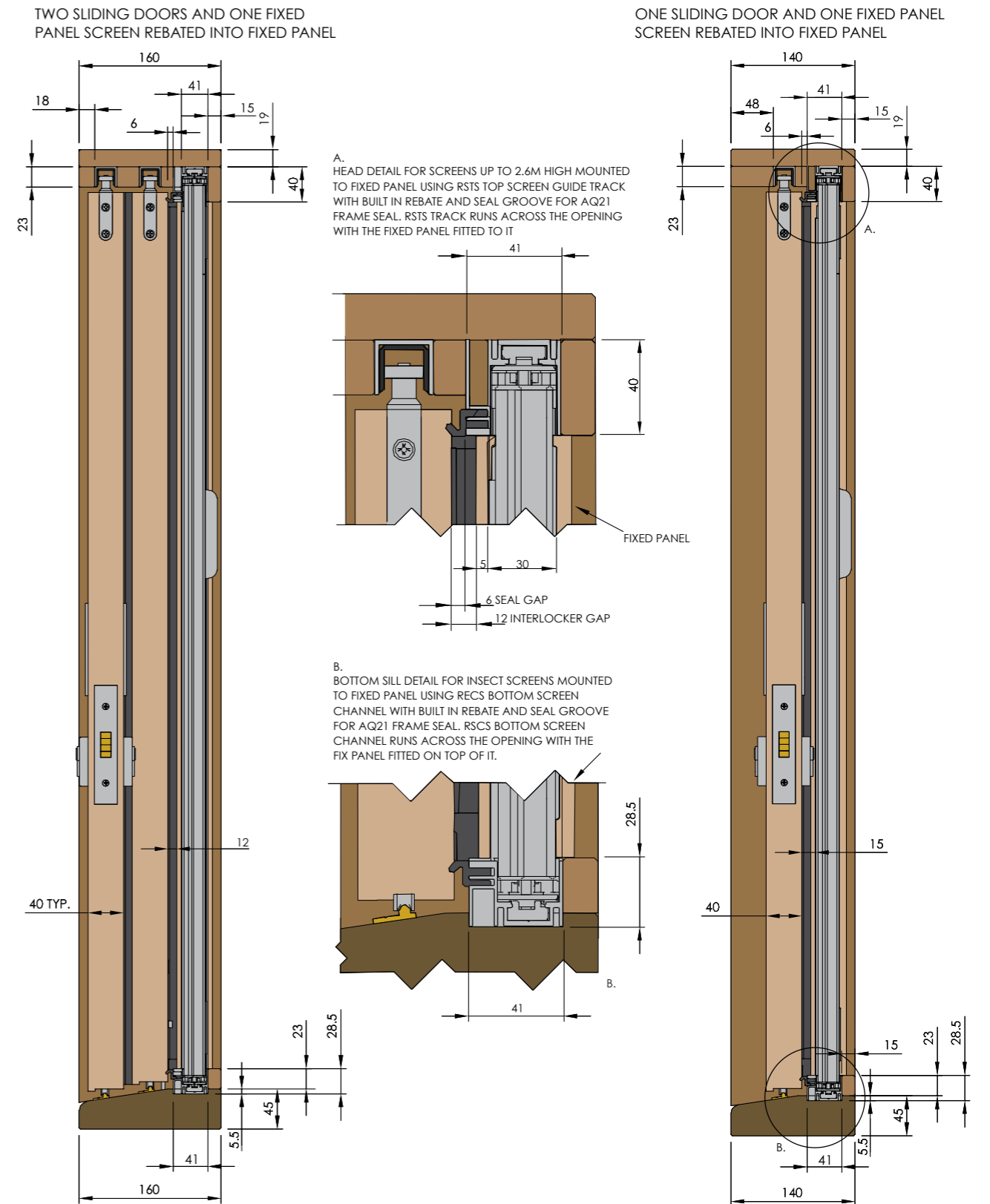


# Architectural Details

## End View

Brio 612 Retractable Pleated Insect Screen rebated into the fixed panel

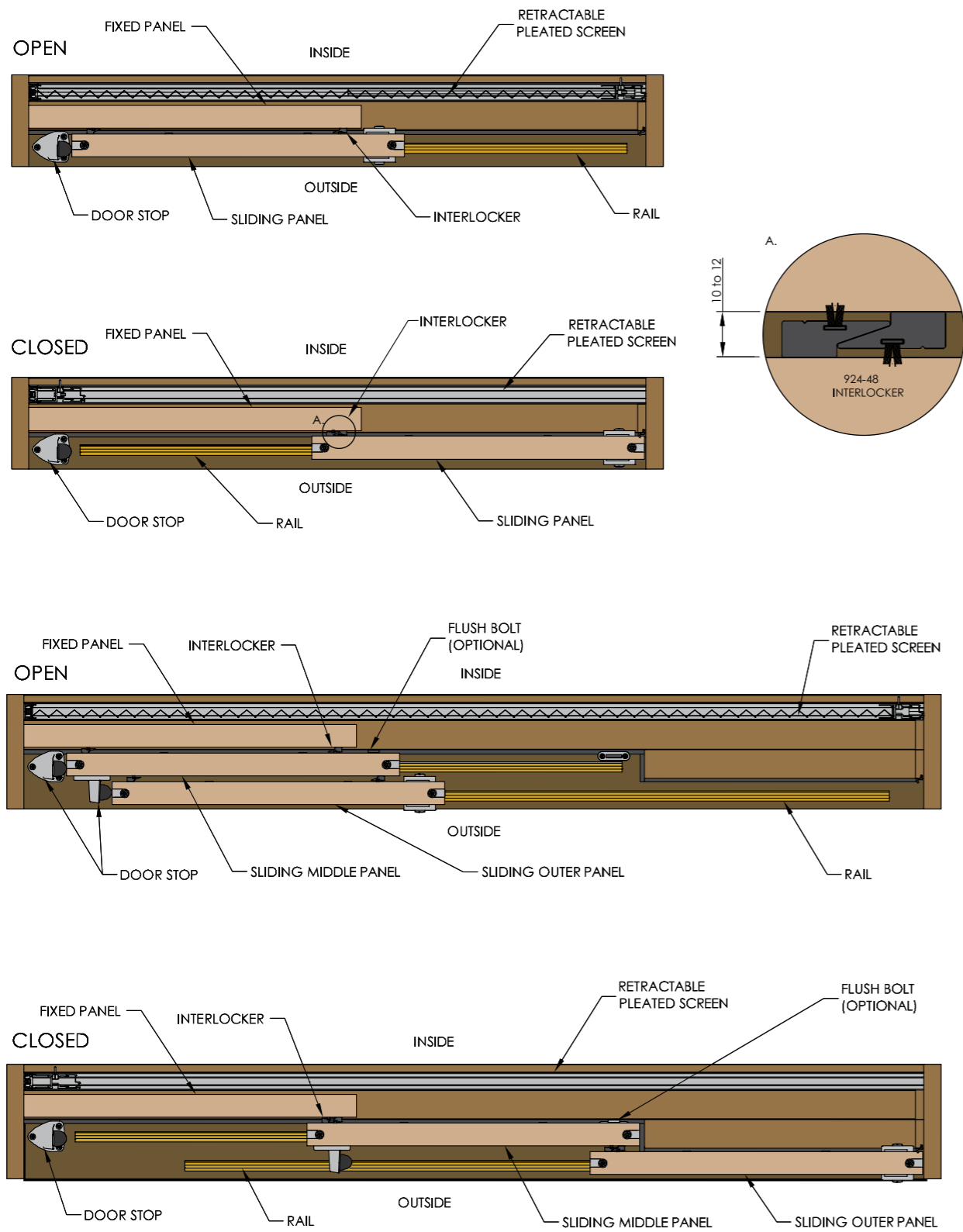
with Brio Timberoll 200 exterior bottom roller sliding door hardware



# Architectural Details

## Top View

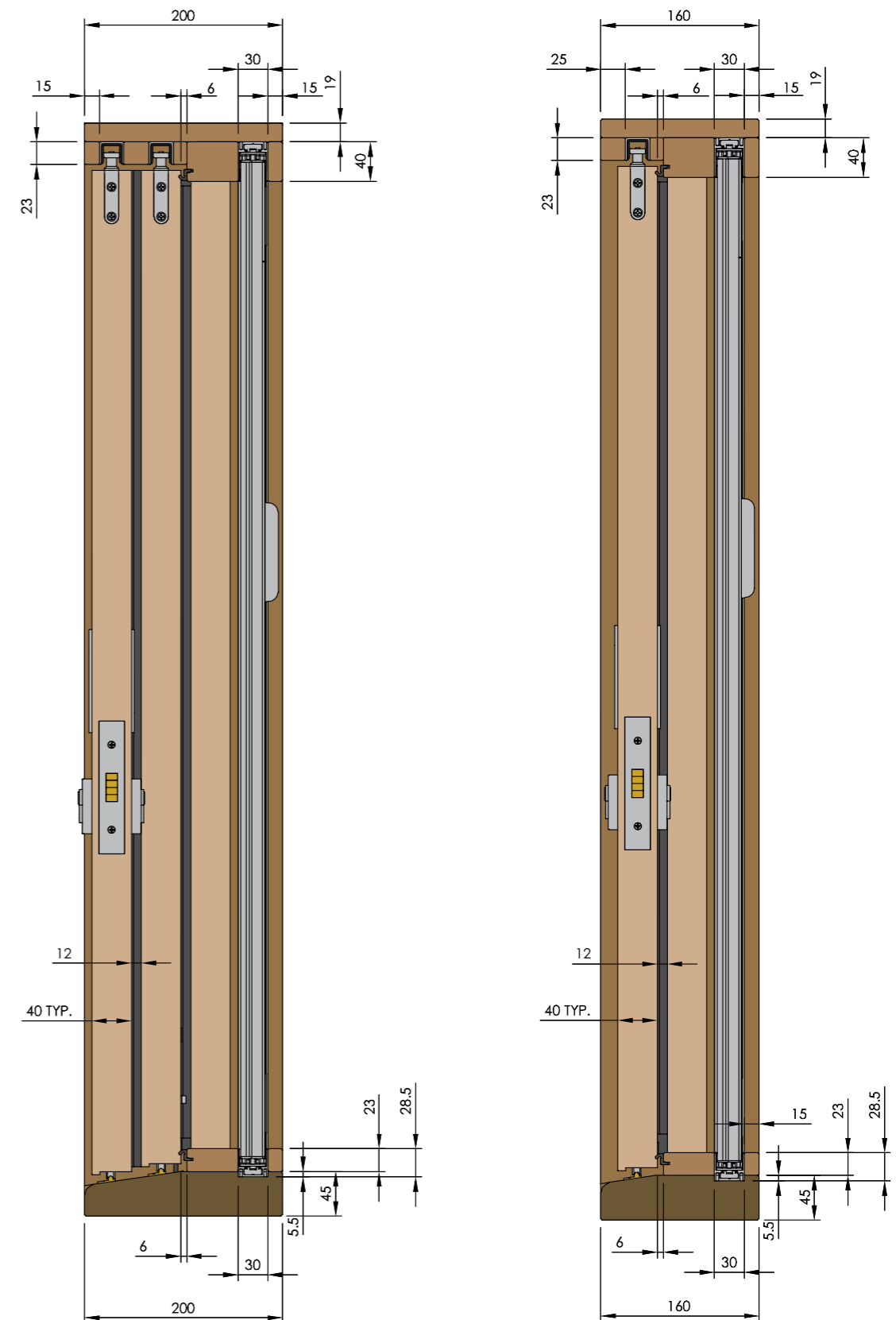
Brio 612 Retractable Pleated Insect Screen  
fitted across the opening  
with Brio Timberoll 200 exterior bottom roller sliding door hardware



# Architectural Details

## End View

Brio 612 Retractable Pleated Insect Screen  
fitted across the opening  
with Brio Timberoll 200 exterior bottom roller sliding door hardware

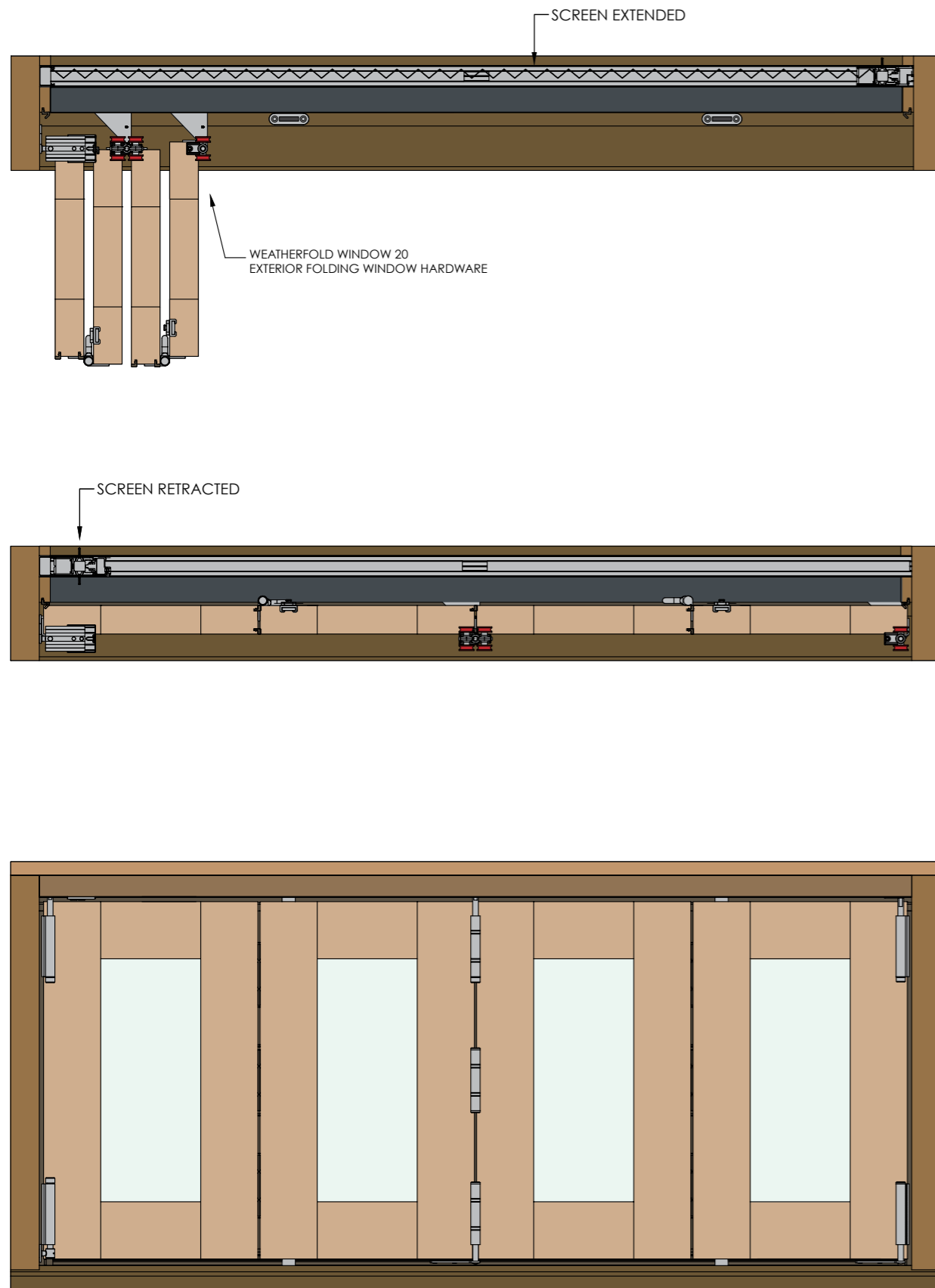




# Architectural Details

## Front and Top views

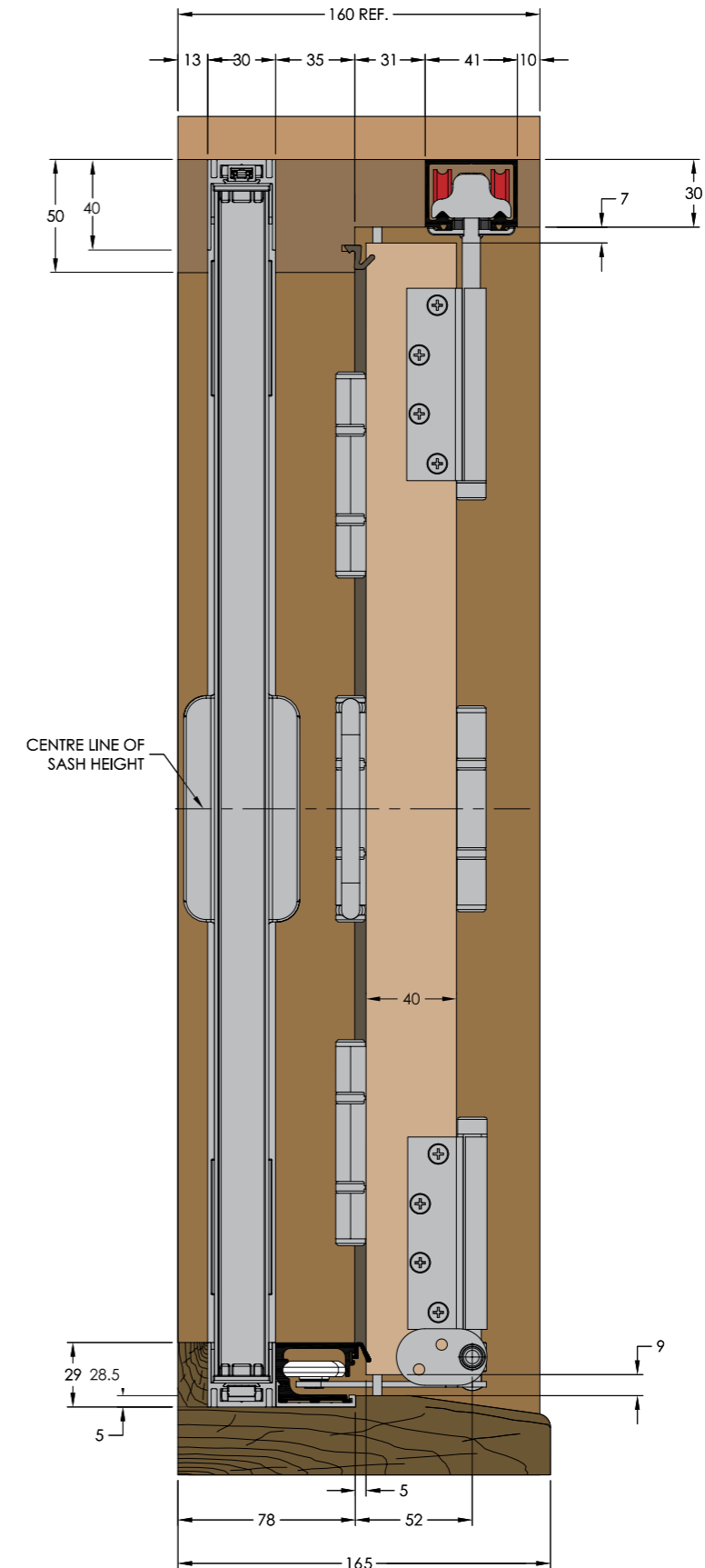
Brio 612 Retractable Pleated Insect Screen  
with Brio Weatherfold Window 20 exterior folding window hardware



# Architectural Details

## End views

Brio 612 Retractable Pleated Insect Screen  
with Brio Weatherfold Window 20 exterior folding window hardware





## Specifications

### Brio 612 Retractable Pleated Insect Screen Standard Sizes

Width - screen reduces in width to the size of the next smallest screen, eg. a 3600mm wide screen can be installed in an opening that is between 2700mm-3600mm wide.

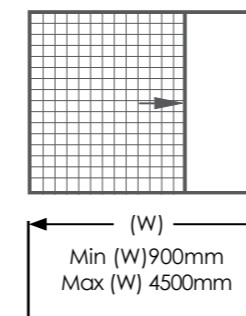
Height - each screen can be cut down by up to 200mm

Aluminium sections available in powdercoat Custom Black, APO Grey and Pearl White.

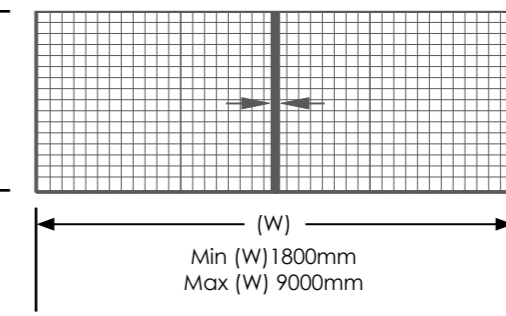
#### Single Screen

		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	•	•	•			

#### Single Screen



#### Double Screen



#### Double Screen

		Width Range mm					
		1800 - 2200	2200 - 3000	3000 - 4000	4000 - 5400	5400 - 7200	7200 - 9000
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	•	•	•			

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Brio USA Inc. trading as Brio, is a subsidiary of the Brio Group, a division of RMD Industries

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