



Brio[®]

LOCKING 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.

Inside and cover images: Doors made by Nicco Timber Windows & Doors, photography by Steven Woodburn Photography

Locking solutions

Choosing the right locking solution for sliding and folding door systems ensures both security and convenience of operation in residential and commercial spaces. Unlike traditional door locks, these solutions must accommodate doors which slide horizontally or fold inward or outward, requiring specific design which secures multiple panels simultaneously.

Brio provides expertly designed locking solutions for sliding and folding doors, working seamlessly with their Weatherfold ranges and top hung or bottom rolling sliding systems, such as Pro Run and Timberoll. Austral Lock, another market leader from the Allegion family of brands, also provides elegant solutions with secure locking. Their local manufacturing in Australia, ensures various kits can be supplied quickly for any sliding and folding application.



286 non-locking, locking and 288 lever furniture

Dual Point Locking

As architectural design increasingly highlights doors as key focal points, their size, especially height, has grown significantly. In response, Brio developed the 286 Dual Point Lock which throws a 25mm bolt top and bottom with a single action of a lever positioned ergonomically on the door. Designed specifically for Brio's Weatherfold ranges, the 286 accommodates timber and aluminium panels and can also be used on single hinge and French doors up to 3.5m high.

Complimenting the 286, Brio offers a matching 288 lever handle for swing doors, designed to operate with Austral Lock's Virtus mortice hinge door lock. This collaboration allows integration with various door furniture for Brio's exterior bifold products. The Forge range is available in any powder coat colour from Interpon[®] or Dulux[®], while the Aurora offers a DDA compliant lever option. For a premium finish, the stainless steel Verta range is offered in satin stainless or PVD black. All three levers provide multiple locking configurations including a privacy turn snib.

Mortice Sliding Locking

The Austral Lock range also includes the Virtus mortice sliding door lock which features double hook bolts and anti slam technology to protect the lock from damage by disabling locking unless the panel is in the closed position. This lock body has a 28.5 or 40mm backset and is compatible with Austral Lock's Forge and Verta range of flush, inline and offset pulls. These products are the perfect locking solution for Brio's Quick Run 120, Pro Run 200 & 400 or Timberoll, 100, 200 or 300N. Style, ease and performance from roller to lever, for a complete system.



360, 512, 456 and 213 flush bolts

Flush Bolts

For a more traditional approach to locking, Brio offers several flush bolt solutions for windows, doors and shutters, in either folding or sliding applications. The 360 and 456 series offer a solid brass substrate with locking and non-locking configurations for timber windows and doors, available in several lengths to ensure comfort and convenience when securing panels.



Windows made by Stegbar

Brio's 512 series is designed specifically for aluminium panels and performs well in coastal areas with its 316 stainless steel construction.

The 213 Shutterbolt uses an innovative self-locking design for aluminium shutters. When the bolt is not being operated for easy sliding of the panel, its spring loaded throw bolt automatically engages with holes in the bottom channel to ensure secure locking, every time.

Applications

	Timber	Aluminium	Sliding			Hinged		
			Windows	Doors	Shutters	Windows	Doors	Shutters
213PBK		•			•			
286 Series	•	•		•	•		•	•
360 Series	•		•			•		
456 Series	•			•			•	
512 Series		•				•	•	•

Specifications

Hinged locking solutions from Brio and Austral Lock

Bifold door kits – timber	35mm Backset	45mm Backset			
Intermediate panel, non-locking	286N3-25NSS	286N4-25NSS			
End panel, non-locking	286N3-25XSS	286N4-25XSS			
Intermediate panel, locking	286L3-25NSS	286L4-25NSS			
End panel, locking	286L3-25XSS	286L4-25XSS			
Bifold door kits – aluminium	286 (ss, D Tip)	286 (ss, P Tip)	Forge (Black PC, D Tip)	Forge (Black PC, P Tip)	
Dual access, locking	286DL-25DSS	286DL-25PSS	FHBD25DWL-B	FHBD25PWL-B	
Single access, non-locking	286N-25DSS	286N-25PSS	FHBS25DNL-B	FHBS25PNL-B	
Single access, locking	286L-25DSS	286L-25PSS	FHBS25DWL-B	FHBS25PWL-B	
Hinged locking sets (30mm backset shown)	288 (ss, no snib)	288M (sn, no snib)	Forge (Black PC, snib)	Aurora (Black PC, snib)	Verta (PVD Black, snib)
2 Point locking	288L3/2SS	288M3/2SN	FHD2P3OWS-B	2PT30AUR-B	VHD2P3OWS-B
4 Point locking	288L3/4-35DSS	288M3/4-35DSN	FHD4P3OWS-B	4PT30AUR-B	VHD4P3OWS-B

For other finishes, backsets and function variants, you can view all product codes in our Allegion OEM Product Guide

Flush Bolts

213 Shutter Bolt, powder coat black	213PBK				
360 Series	110mm	110mm Locking	300mm		
Round top, satin nickel	360SN	360ESN-1	360LSN		
Round top, necked, satin nickel	360NSN	-	-		
456 Series	190mm	190mm Locking	450mm	600mm	1000mm
Round top, PVD brass	456RPVDB	456REPVDB-1	456RLPVDB^	456RLXPVDB-600	-
Round top, PVD black	456RPVDR	456REPVDR-1	456RLPVDR^	456RLXPVDR-600	-
Round top, satin nickel	456RSN	456RESN-1	456RLSN^	456RLXSN-600	456RLXSN-1000
Round top, necked, satin nickel	456RNSN	456RENSN-1	456RLNSN	456RLNXSN-600	-
Round top, inward opening, satin nickel	456RISN	456REISN-1	-	-	-
Square top, satin nickel	456SN	456ESN-1	456LSN^	456LXSN-600	-
Square top, necked, satin nickel	456NSN	456ENSN-1	456LNSN	456LNXSN-600	-
Square top, inward opening, satin nickel	456ISN	456EISN-1	-	-	-
512 Series			400mm	600mm	900mm
Standard, satin stainless steel			512SS-400	512SS-600	512SS-900
Lockable, satin stainless steel			512ESS-400	512ESS-600	512ESS-900

^Lockable versions also available in 450mm length (456RLEPVDB-1, 456REPVDR-1, 456RLSN-1 and 456LESN-1)

Mortice sliding solutions from Austral Lock

Virtus Mortice Sliding Door Lock	28mm Backset	40mm Backset		
Standard strike	MSDL28AS	MSDL40AS		
Low profile strike	MSDL28AL	MSDL40AL		
	Furniture only		Kits with 28mm backset lock	
Sliding Door Furniture	Back to Back	Single Side Fix	Back to Back	Single Side Fix
Forge, flush pull, powder coat black	FSDFPB2-B	FSDFPSF-B	FSD28FPB2-B	FSD28FPSF-B
Forge, inline pull handle, powder coat black	FSDILB2-B	FSDILSF-B	FSD28ILB2-B	FSD28ILSF-B
Forge, offset pull handle, powder coat black	FSDPHB2-B	FSDPHSF-B	FSD28PHB2-B	FSD28PHSF-B
Verta, flush pull, 316 stainless steel	VI5002-S	VI5102-S	VSD28FPB2-S	VSD28FPSF-S
Verta, offset pull handle, 316 stainless steel	VI5000-S	VI5100-S	VSD28PHB2-S	VSD28PHSF-S

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Euro Cylinders (fixed cam, 5 pin) from Austral Lock

	Colour	70mm C4 Keyway	70mm GR9 Keyway	80mm C4 Keyway	80mm GR9 Keyway
Double cylinder, keyed alike	PVD Black	AAF705C4MB/KA*	AAF705GMB/KA	AAF805C4MB/KA	AAF805GMB/KA
	Satin Chrome	AAF705C4SC/KA*	AAF705GSC/KA	AAF805C4SC/KA	AAF805GSC/KA
Double cylinder with thumb turn, keyed alike	PVD Black	AAF705C4TTMB/KA**	AAF705GTTMB/KA	AAF805C4TTMB/KA	AAF805GTTMB/KA
	Satin Chrome	AAF705C4TTSC/KA**	AAF705GTTSC/KA	AAF805C4TTSC/KA	AAF805GTTSC/KA

* Key codes 801 to 810 available as stocked items, use /801 to /810 in place of /KA for ordering

** Key codes 801 to 810 available as stocked items, use 801 to 810 (NO FORWARD SLASH) in place of /KA for ordering

For custom keying, use "K" in place of "/KA" for C4 and GR9 codes



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