



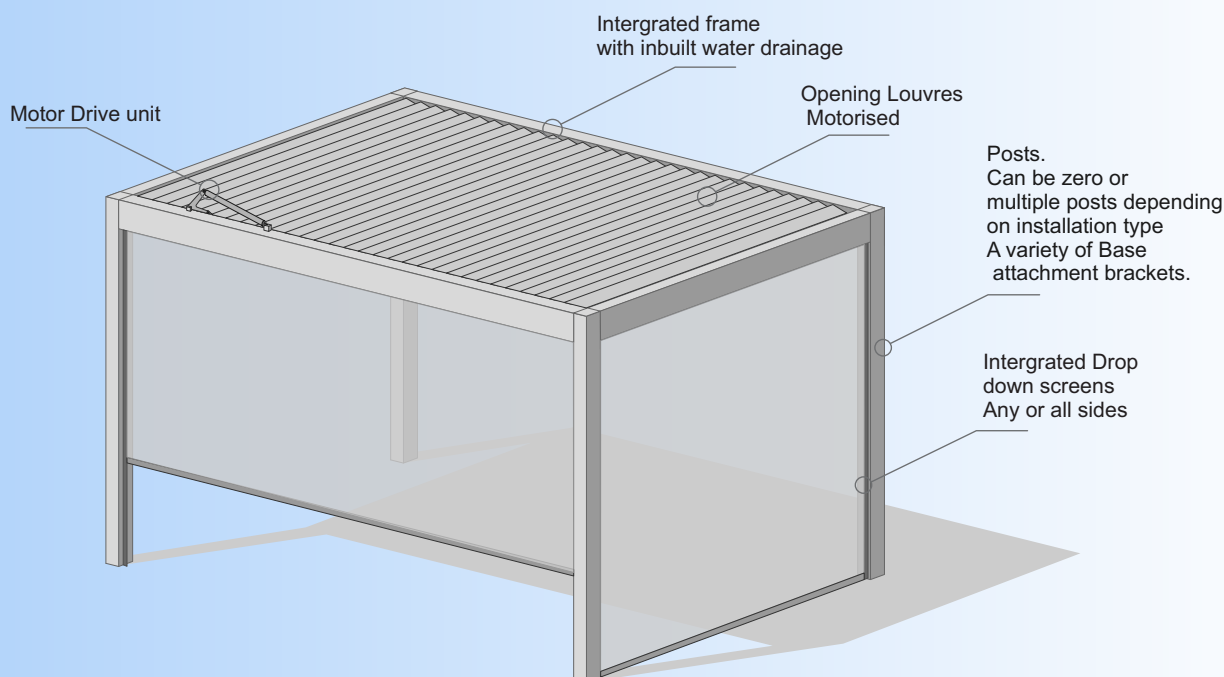
JURALCO SUNPIVOT® OUTDOOR LIVING SYSTEMS

ISSUE 3-24 v1

Juralco Aluminium Building Products Ltd designs and distributes specialist aluminium joinery systems through a national network of franchised fabricators and agents. For more than 25 years we have been at the forefront of specialist aluminium designs suitable for New Zealand joinery and building methods. Our comprehensive product range includes security and insect screens, balustrades and gates, shutters and awnings, shower screens, wardrobe doors and organisers and louvre systems

The SunPivot® Outdoor Living System is ideal for extra outdoor shelter for you home. The high quality extruded aluminium structure and louvres can be custom powder coated in a colour of your choice. The motorised ceiling louvres when closed form a weatherproof seal. The structure can be added to with drop down screens, or sliding Glass doors on any sides.

SunPivot® Outdoor Living System - Features (Freestanding Series, 4 Post shown)



The SunPivot® Outdoor Living System is built from the following sub systems...

- Louvres. One type only. Pivot pin at one end; designed to provide a more weatherproof seal when closed. Motorised only
- Posts. These are a two part post, with inner stainless steel angles top and bottom. Always situated at the corners.
At ground level they can be connected to foundations in a variety of ways including a hidden base plate.
A hidden drainage down pipe per post is possible.
- Beams. The Beams contain all the pivots for Louvre rotation and the Motor actuator
All these beams are of two types, depending on Wall attachments or corner Posts
All beams have a hidden drainage channel to catch rain.
- Drop down Screens. Screens from the SolarZip™ range can be completely hidden inside the Frames thus making this a very useable extra all weather space.
- Sliding Glass Doors. From the Glaslide range of 10, 12 or 15mm Glass panels. Refer to the 'Glaslide Sliding Glass Doors' Manual
- For larger installations a Multi bay setout is possible.
- LED lighting can be incorporated in the Top Frame.

The Juralco SunPivot® Outdoor Living System is wholly manufactured by Juralco and supplied as a kitset.
All to be assembled on site.

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9	Flow Chart	Shows a Decision Flow chart
10	Lengths and Louvres	Shows SunPivot Overall Lengths and No of Louvres for different End Beam combinations
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49	Powder Coat	Care and maintenance Exterior Powder coated surfaces



SunPivot® structure with integrated 10mm, 12mm or 15mm Glaslide™ Sliding Glass Doors on any or all available sides.
(Refer to the 'Glaslide™ Sliding Glass Doors' Manual for more details)

Juralco Aluminium Building Products Ltd (JABP) Specifications for Juralco SunPivot® Outdoor Living System

Juralco Aluminium Building Products Ltd (JABP) Specifications for Juralco SunPivot® Outdoor Living System

1. Scope

- This specification details the documents the SunPivot® Outdoor Living System refers to in relation to the New Zealand Building Code, the manufacturer's documents, products used in the System, requirements in relation to fixing and surface finishes.

2. Manufacturer's Documents

- The Juralco SunPivot® Outdoor Living System manual details all extrusions and components used for the fabrication and installation/fixing of the system.
- Manuals are available from Juralco Aluminium Building Products Ltd
48 Bruce McLaren Rd, Henderson, Auckland
Phone 09 478 8018 Fax 09 478 7883 Email specify@juralco.co.nz

3. Products

- Only extrusions, components and hardware supplied by or specified by JABP may be used in the SunPivot® Outdoor Living System
- Stainless Steel components, hardware, fixings – all components to 316 grade or 304.

4. Surface Finishing

- Juralco Aluminium Building Products Ltd is a Dulux Registered Applicator site, registration number 2101.
JABP uses only Dulux branded powder coating materials
- Dulux Duralloy® powder coating systems are suitable for properties greater than 100m from high tide level
AAMA 2603 performance. Residential buildings, 3 levels max. Warranty 10 yrs
- Dulux Duralloy Plus® powder coating systems are suitable for properties greater than 10m from high tide level.
AAMA 2603 performance. Residential and Light commercial buildings, 3 levels max Warranty 15 yrs
- Dulux Duratec® powder coating systems are suitable for properties greater than 10m from high tide level
AAMA2603 and 2604 performance. All Residential and Commercial buildings. Warranty 25 yrs

5. Installation and Fixing

- The Juralco SunPivot® Outdoor Living System must only be installed in accordance with the Juralco SunPivot® Outdoor Living System manual
- The SunPivot® system Structure and Footings are based on NZS 3604:2011 and NZS 1170 Appendix D, Wind Zone calculations.

Important information - Powder Coating systems.

Powdercoat Systems The new standard Dulux powder coating system used by Juralco is Duralloy Plus®. Also Duralloy® and Duratec®. All as per specs above. Juralco Powder coated prices are for Duralloy Plus® and Duralloy® (same pricing). Duratec® prices on application.

Attachment to structures A PVC Tape or similar material spacer must be used to separate powder coated aluminium items from all concrete and steel structures. Failure to do so can lead to the chemicals in the structure affecting the powder coating, leading to corrosion.

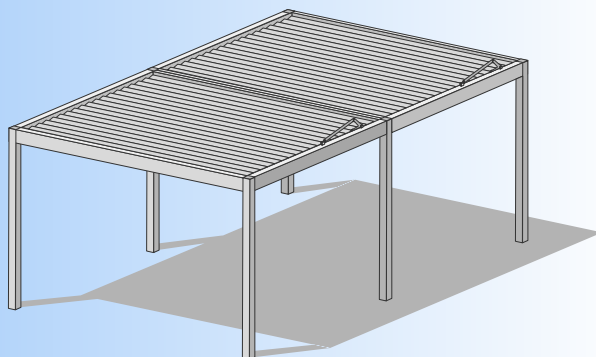
Swimming Pools The chlorinated water in swimming pools can cause the deterioration of powder coated surfaces, leading to corrosion of the underlying surface. It is recommended that Powder coated surfaces be 1200mm min from a pool.

Care The Dulux powder coating warranty period is conditional upon the surface being maintained in accordance with the Dulux 'Care and Maintenance Instructions'. Download from Dulux or refer to the back page of this manual.

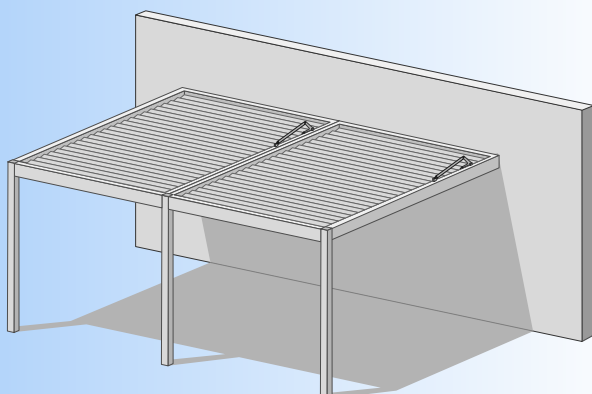


**Note : These are some of our Standard Layouts - Many other configurations are possible.
See Following pages**

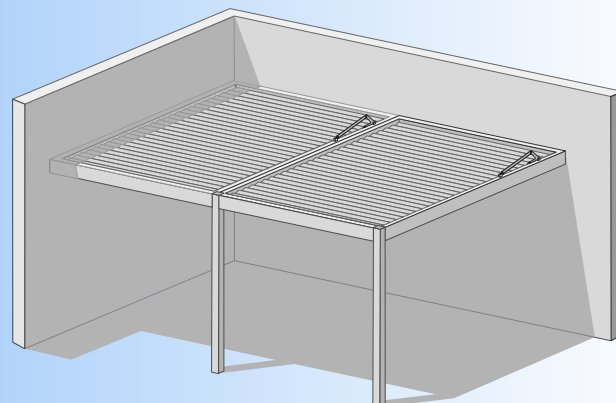
**Freestanding - Available as Single or MultiBay
SolarZip Dropscreens optional
Wireless Controls**



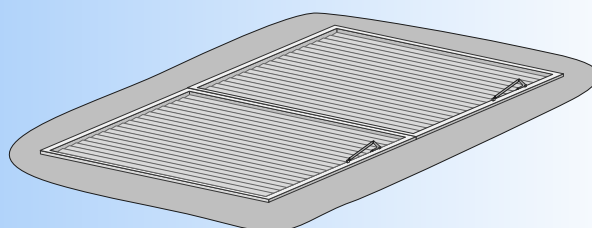
**1 x Wall - Available as Single or MultiBay
SolarZip Dropscreens optional
Wireless Controls**



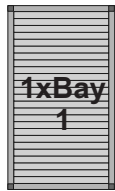
**2 x Wall - Available as Single or MultiBay
SolarZip Dropscreens optional
Wireless Controls**



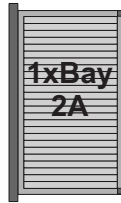
**Integrated - Available as Single or MultiBay
Wireless Controls**



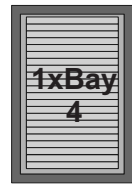
Note : These are our Standard Layouts - Many other configurations are possible. Please enquire



1 x Bay, - 4 x Posts
Freestanding Series



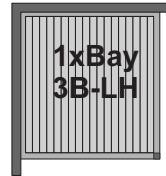
1 x Bay, 2 x Posts
One Wall Series



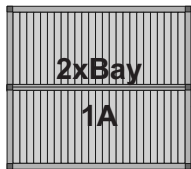
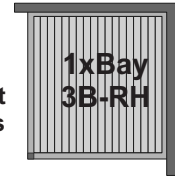
1 x Bay. No Posts
Integrated Series



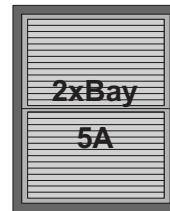
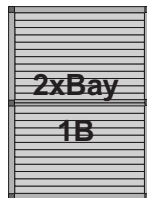
1 x Bay, 1 x Post
Two Wall Series



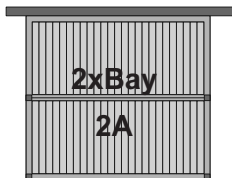
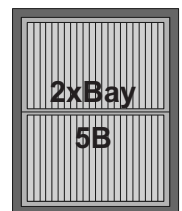
1 x Bay, 1 x Post
Two Wall Series



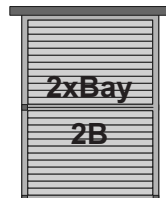
2 x Bay, 6 x Posts
Freestanding Series



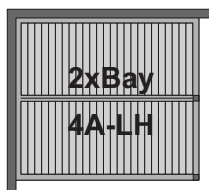
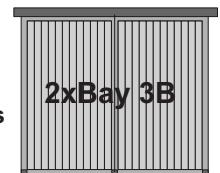
2 x Bay
Integrated Series



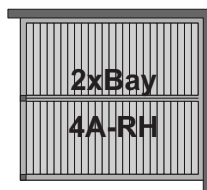
2 x Bay,
4 x Posts
One Wall Series



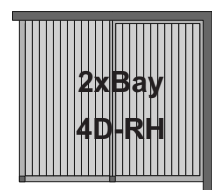
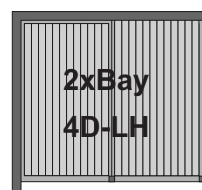
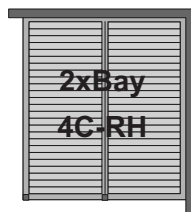
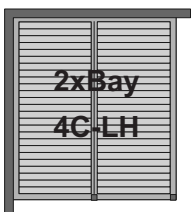
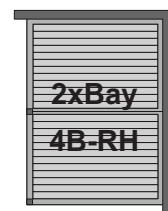
2 x Bay,
3 x Posts
One Wall Series



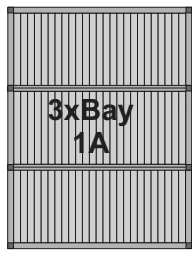
2 x Bay, 2 Posts
Two Wall Series



2 x Bay, 2 Posts
Two Wall Series



Note : These are our Standard Layouts - Many other configurations are possible. Please enquire



3 x Bay, 8 x Posts
Freestanding
Series



3xBay
1B

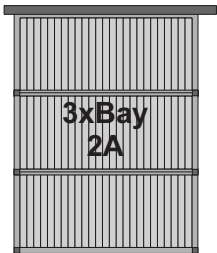


3xBay
5A

3 x Bay
Integrated
Series

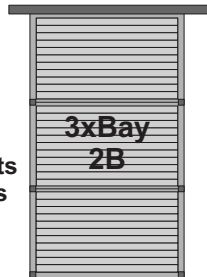


3xBay
5B

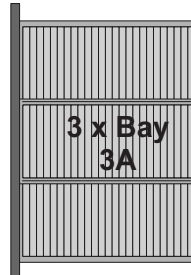


3xBay
2A

3 x Bay, 6 x Posts
One Wall Series

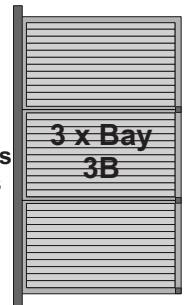


3xBay
2B



3 x Bay
3A

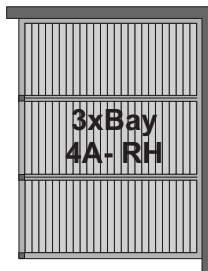
3 x Bay, 4 x Posts
One Wall Series



3 x Bay
3B

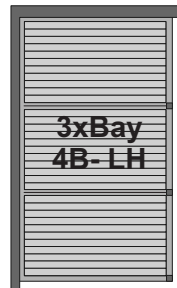


3xBay
4A- LH

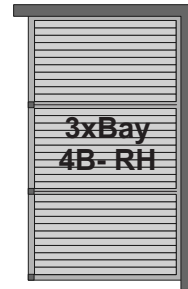


3xBay
4A- RH

3 x Bay, 3 Posts
Two Wall Series

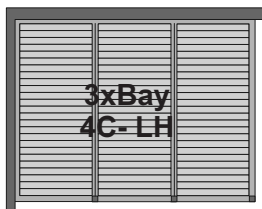


3xBay
4B- LH

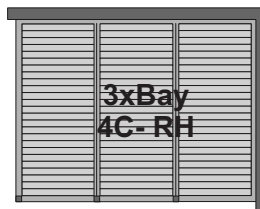


3xBay
4B- RH

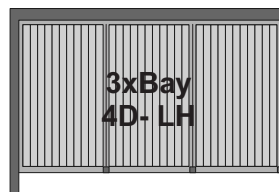
3 x Bay, 3 Posts
Two Wall Series



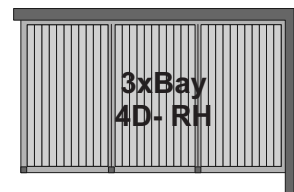
3xBay
4C- LH



3xBay
4C- RH

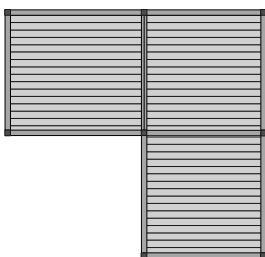


3xBay
4D- LH

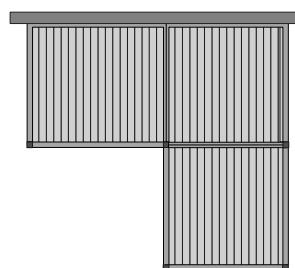


3xBay
4D- RH

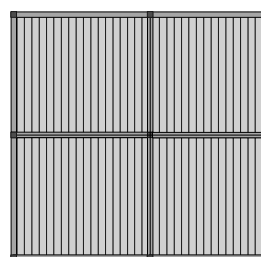
Some Possible Non Standard Layouts - Please enquire



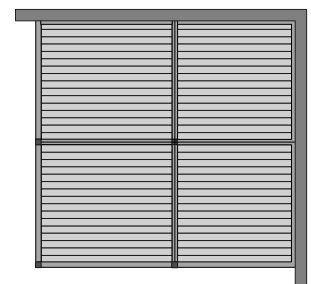
3xBay - Freestanding



3xBay - One Wall

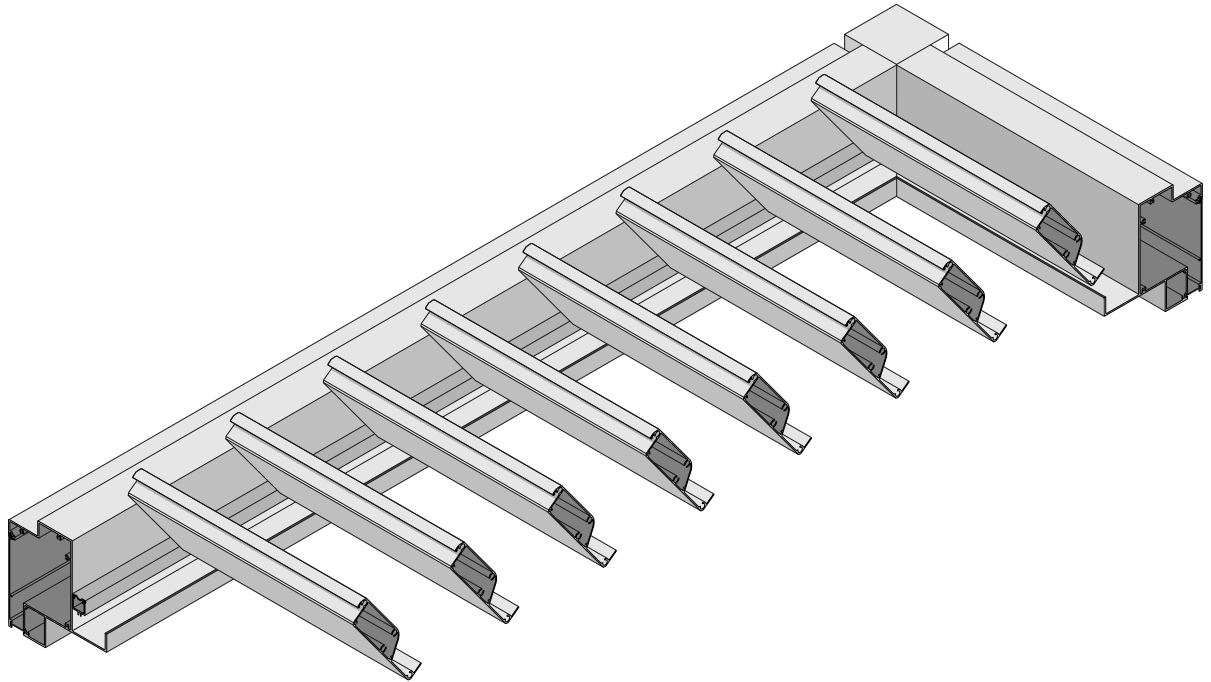


4xBay - Freestanding

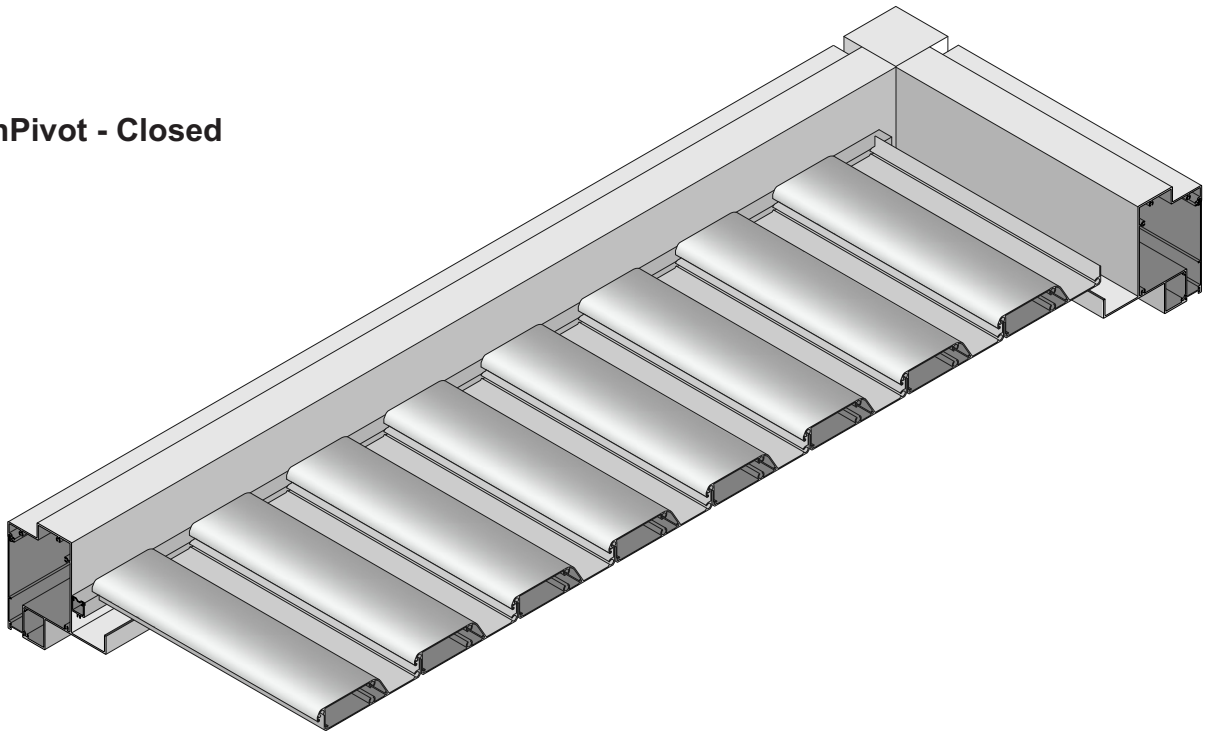


4xBay - Two Wall

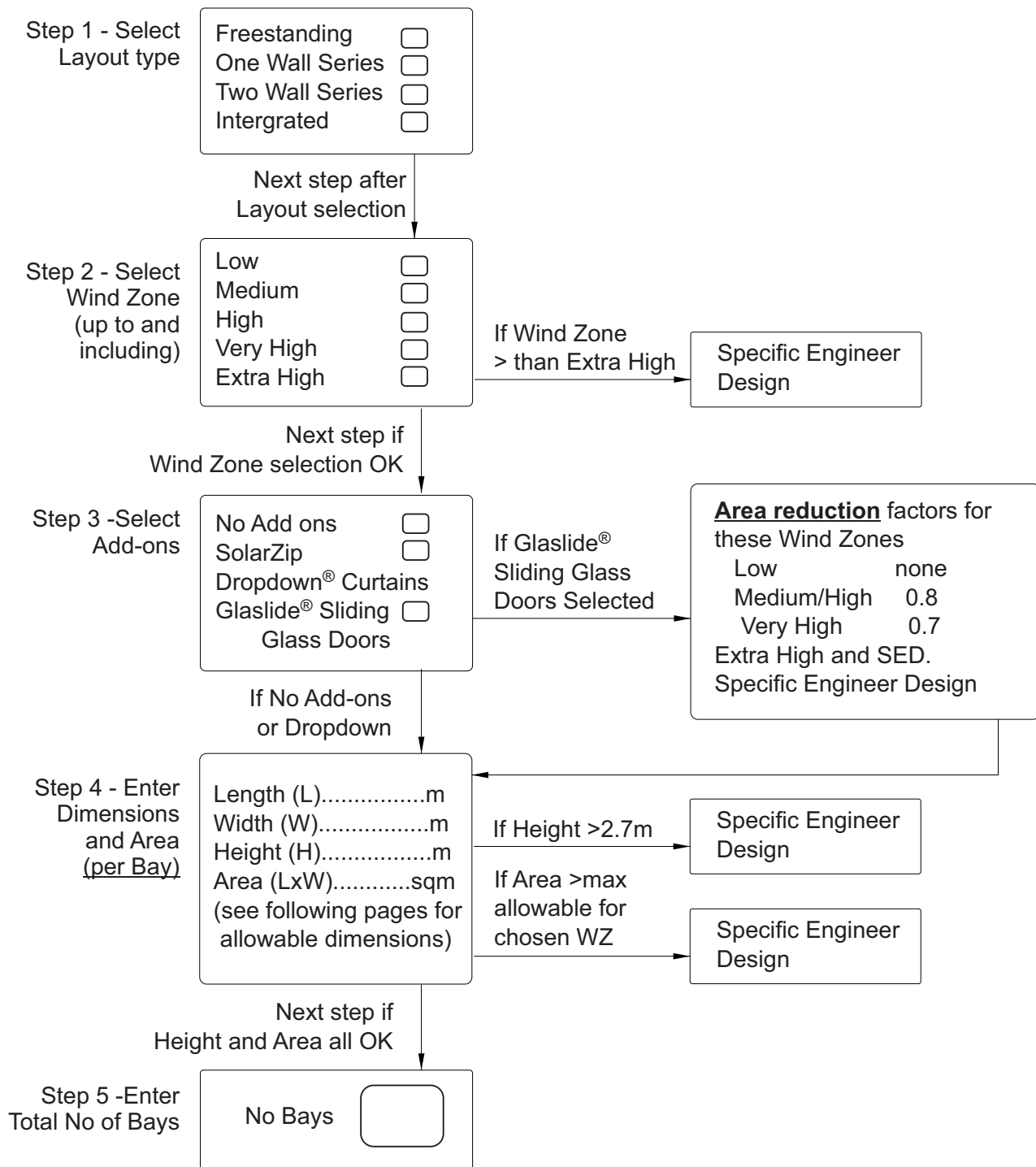
SunPivot - Open



SunPivot - Closed



Juralco SunPivot® Outdoor Living System - Flow Chart



Notes:

- 1: The flow chart can be used to determine whether or not the design is acceptable under our Generic PS1. Where the design does not meet with the criteria laid out in the manual a Specific Engineered design must be used
- 2 : Only connections described in the manual can be used.
- 3 : No substitute for products included in the manual can be used

**SunPivot,
using JOR/818N louvres**

SunPivot system Whole Louvres calculations.
Overall Lengths, Beam to Beam

801 to 801	801 to 807	807 to 807	No louvres
OL	OL	OL	
1270	1195	1120	5
1450	1375	1300	6
1630	1555	1480	7
1810	1735	1660	8
1990	1915	1840	9
2170	2095	2020	10
2350	2275	2200	11
2530	2455	2380	12
2710	2635	2560	13
2890	2815	2740	14
3070	2995	2920	15
3250	3175	3100	16
3430	3355	3280	17
3610	3535	3460	18
3790	3715	3640	19
3970	3895	3820	20
4150	4075	4000	21
4330	4255	4180	22
4510	4435	4360	23
4690	4615	4540	24
4870	4795	4720	25
5050	4975	4900	26
5230	5155	5080	27
5410	5335	5260	28
5590	5515	5440	29
5770	5695	5620	30
5950	5875	5800	31

For the SunPivot any OL length up to the max is permissible.

Possible Overall Lengths for Different Beam combinations to allow all Louvres to tilt.
OL allowable Float -20mm to +20mm

ie say for 801 to 807, an OL of 3500mm is wanted

This is not possible for all louvres to Tilt

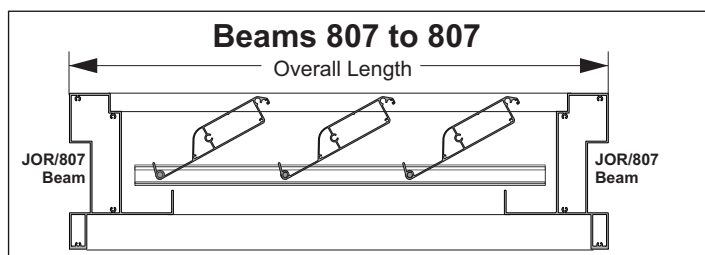
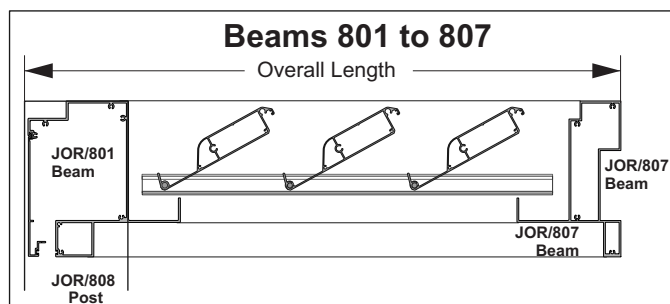
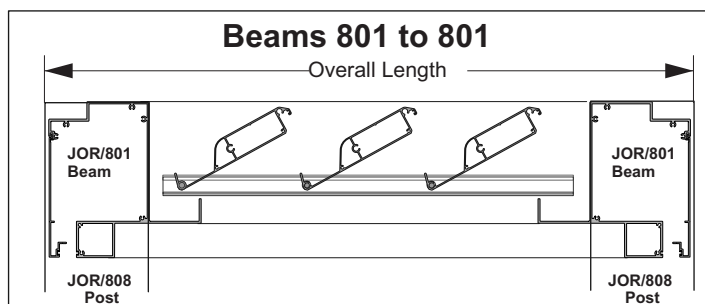
- All tilting, nearest possibility is $3535 - 20 = 3515\text{mm}$

- All tilting + 1 x stationary part louvre 3500mm OK

(801Perimeter Beam to 801 Perimeter Beam,
801Perimeter Beam to 807 Narrow Beam,
or 807 Narrow Beam to 807 Narrow Beam)

Lengths outside these Min/Max ranges
will employ 1x stationary part louvre

Max Widths for Beam Combinations	Max Width
801 Beam to 801 Beam	4200
801 Beam to 807 Beam	4125
807 Beam to 807 Beam	4050



Notes :

1 - All Overall Dimensions are to Post outside
(ie each Post projects out 5mm past beam)

2 - Unlike the SunFold the SunPivot can use Part louvres.
See above for possible Overall Lengths.

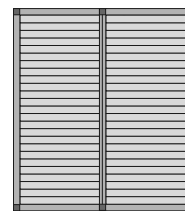
Point Loads - Can be installed to Walls or Soffits only if properly strengthened at attach points

Distributed Loads - Can be installed to normal Walls or to under Soffits

Attachment Types

Point Loads + = Strengthened Wall or Soffit attachment only

Normal Wall or Soffit = Attach points over whole Width



2xBay 1A

Freestanding Series (2 x Bay example)

Total Uplift loads, according to the appropriate Wind Zone are resisted by the Foundations at each Post.

Post foundations can be Concrete masses in soil, a suitable continuous Concrete pad or connections to a Timber Deck.

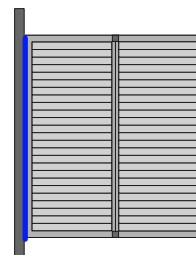
Wall Series. Louvres Perpendicular to Wall (2 x Bay example)

Total Uplift loads, according to the appropriate Wind Zone are resisted by the Foundations/attachments. Post foundations can be Concrete masses in soil, a suitable continuous Concrete pad or connections to a Timber Deck.

At the Wall/Soffit the load is equally distributed over the whole length.

Multiple bracket attachments for Wall or Soffit are available

The Project Engineer must ensure the structure can support the appropriate loads.



2xBay 2A

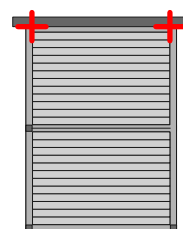
Wall Series. Louvres Parallel to Wall (2 x Bay example)

Total Uplift loads, according to the appropriate Wind Zone are resisted by the Foundations/attachments. Post foundations can be Concrete masses in soil, a suitable continuous Concrete pad or connections to a Timber Deck.

At the Wall the load is **concentrated**.

This type is **not suitable** for Wall or Soffit mounting unless strengthening work is undertaken

The Project Engineer must ensure the structure can support the appropriate loads..

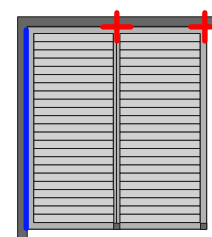


2xBay 2B

Two Wall Series (2 x Bay example)

These are a combination of the two Wall types above.

Distributed (Wall or Soffit) and Point (Wall only) loads.



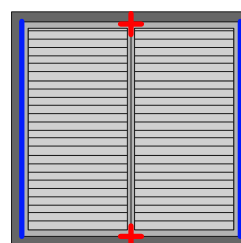
2xBay 4A

Integrated Series. No Posts. (2 x Bay example)

As for Two Wall series above.

Louvres Perpendicular to Wall - OK for direct Wall attachment.

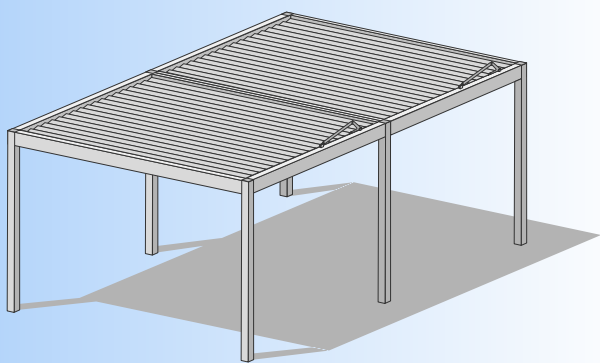
Louvres Parallel to Wall - See comments above



2xBay 5

Juralco SunPivot® Outdoor Living System - Area and Wind Zone Tables

Freestanding - Available as Single or MultiBay
SolarZip Dropscreens, Glaslide Sliding Glass Doors optional
Wireless Controls



Available as Single or MultiBay

Electrically operated with Wireless Remotes

SolarZip® Dropscreens available for Shade protection

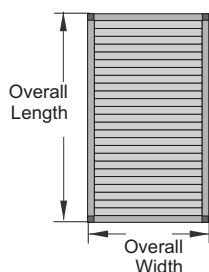
Glaslide® Sliding Glass doors available for Wind protection

Mounting to Timber or Concrete decks.

Refer to the Flow Chart to find allowable Design under the Generic PS1

Specific Engineers design available, see notes below

Single Bay Freestanding

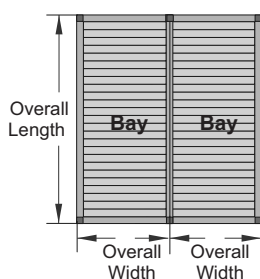


Wind Zone	All Area and Dimensions, per Bay		All values, per Post	
	Area Max sqm	Approx Max Dimensions	Uplift kN	Concrete m ³
Low	22.8	Per Bay Overall Width max 4.2m Overall Length max 5.8m	4.18	0.18
Medium	22.8		5.59	0.24
High	22.8		7.90	0.34
Very High	17.6		7.92	0.34
Extra High	14.5		7.03	0.31

Use this figure as a basis for strength calculations if attaching to other than Concrete

Use this figure if attaching Concrete

Multi Bay Freestanding (2 or more bays)



Wind Zone	All Area and Dimensions, per Bay		All values, per Post			
	Area Max sqm	Approx Max Dimensions	Applies to Outer 4 x Posts		Applies to Central 2 x Posts	
Low	22.8	Overall Width 4.2m max Overall Length 5.8m max (these will vary slightly with different beam combinations)	4.18	0.18	8.36	0.36
Medium	22.8		5.59	0.24	11.18	0.49
High	22.8		7.90	0.34	15.84	0.69
Very High	17.6		7.92	0.34	15.84	0.69
Extra High	14.5		7.03	0.31	14.06	0.61

Use these figures as a basis for strength calculations if attaching to other than Concrete

Use these figures if attaching Concrete

Notes:

1 - For Posts, for all configurations Max Height is 2.7m.

2 - The Project engineer must ensure the structure can support the appropriate loads

3 - If Glaslide Sliding Glass doors are attached to the structure max Areas for ea **Wind Zone are reduced**

Low/Medium WZ- no reduction, High WZ 0.8, Very High WZ 0.7, Extra High and SED, Specific Design required



JURALCO

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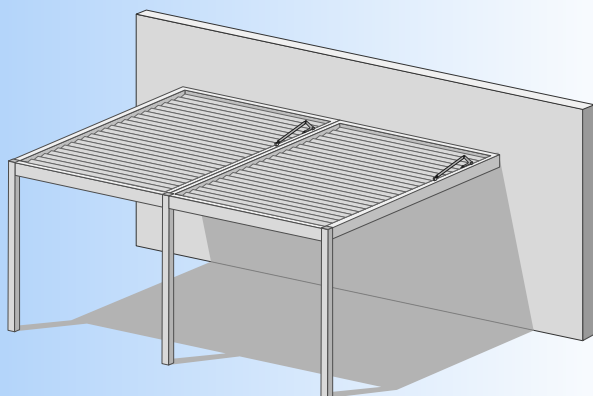
Juralco SunPivot® Outdoor Living System

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Juralco SunPivot® Outdoor Living System - Area and Wind Zone Tables

1 x Wall - Available as Single or MultiBay
SolarZip Dropscreens, Glaslide Sliding Glass Doors optional
Wireless Controls



Available as Single or MultiBay

Electrically operated with Wireless Remotes

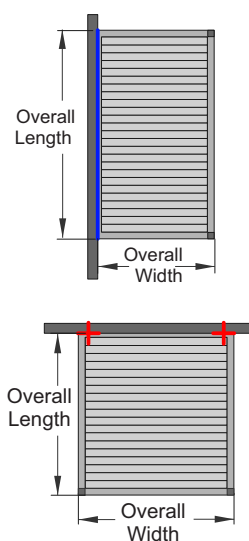
SolarZip® Dropscreens available for Shade protection

Glaslide® Sliding Glass doors available for Wind protection

Mounting to Timber or Concrete decks.

Refer to the Flow Chart to find allowable Design under the Generic PS1

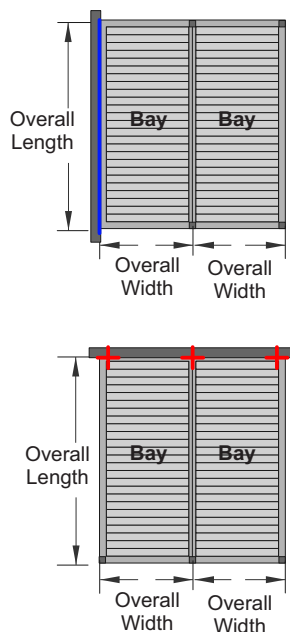
Specific Engineers design available, see notes below



Two Wall Series

Wind Zone	All Area and Dimensions, per Bay		All values, per Post		Applies to Wall and Soffit attach		Applies to Wall attach point
	Area Max sqm	Approx Max Dimensions	Uplift kN	Concrete m ³	Distributed Load kN/m	Fixings Screws	Point Load kN
Low	22.68	Per Bay Overall Width max 4.2m Overall Length max 5.8m	5.23	0.23	1.94	1x14g @600	5.23
Medium	21.84		6.73	0.29	2.59	1x14g @600	6.73
High	17.64		7.68	0.33	3.66	2x14g @600	7.68
Very High	13.69		7.70	0.33	4.16	2x14g @600	7.70
Extra High	12.25		7.45	0.32	4.26	2x14g @600	7.45

Multi Bay Two Wall Series (2 or more bays)



Lift Bay Two Wall Series (2 or more bays)										<div><div></div><div>+</div></div> <div>Applies to Outer Wall attach point</div>	<div><div></div><div>+</div></div> <div>Applies to Central Wall attach point</div>
All Area and Dimensions, per Bay			All values, per Post				<div><div></div><div></div></div> <div>Applies to Wall and Soffit attach</div>				
			Applies to Outer 1 x Post		Applies to Centre 1 x Post						
Wind Zone	Area Max sqm	Approx Max Dimensions	Uplift kN	Concrete m ³	Uplift kN	Concrete m ³	Distributed Load kN/m	Fixing Screws	Point Load kN	Point Load kN	
Low	22.68	Overall Width 4.2m max Overall Length 5.8m max (these will vary slightly with different beam combinations)	5.23	0.23	10.45	0.45	1.94	1x14g @600	5.23	10.45	
Medium	21.84		6.75	0.29	13.45	0.58	2.59	1x14g @600	6.73	13.45	
High	17.64		7.68	0.33	15.37	0.67	3.66	2x14g @600	7.68	15.37	
Very High	13.69		7.70	0.33	15.40	0.67	4.16	2x14g @600	7.70	15.400	
Extra High	12.25		7.45	0.32	14.91	0.65	4.26	2x14g @600	7.45	14.91	

Notes:

1 - For Posts, for all configurations Max Height is 2.7m.

2 - The Project engineer must ensure the structure can support the appropriate loads

3 - If Glaslide Sliding Glass doors are attached to the structure max Areas for ea **Wind Zone are reduced**

Low/Medium WZ- no reduction, High WZ 0.8, Very High WZ 0.7, Extra High and SED, Specific Design required



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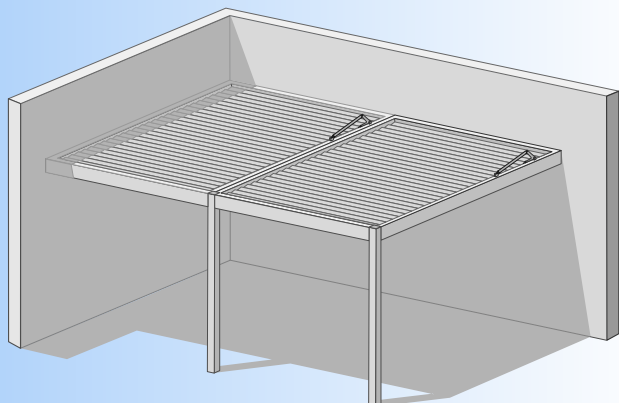
Juralco SunPivot® Outdoor Living System

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Juralco SunPivot® Outdoor Living System - Area and Wind Zone Tables

2 x Wall - Available as Single or MultiBay
SolarZip Dropscreens, Glaslide Sliding Glass Doors optional
Wireless Controls



Available as Single or MultiBay

Electrically operated with Wireless Remotes

SolarZip® Dropscreens available for Shade protection

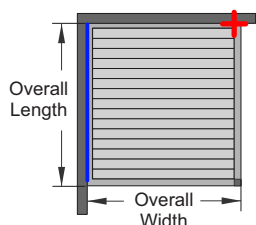
Glaslide® Sliding Glass doors available for Wind protection

Mounting to Timber or Concrete decks.

Refer to the Flow Chart to find allowable Design under the Generic PS1

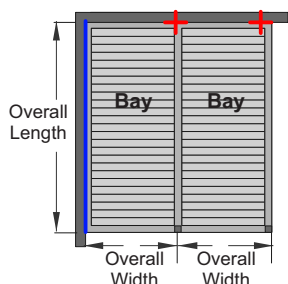
Specific Engineers design available, see notes below

Two Wall Series



Wind Zone	All Area and Dimensions, per Bay		All values, per Post		Applies to Wall and Soffit attach		Applies to Wall attach point
	Area Max sqm	Approx Max Dimensions	Uplift kN	Concrete m ³	Distributed Load kN/m	Fixings Screws	Point Load kN
Low	22.68	Per Bay Overall Width max 4.2m Overall Length max 5.8m	5.23	0.23	1.94	1x14g @600	5.23
Medium	21.84		6.73	0.29	2.59	1x14g @600	6.73
High	17.64		7.68	0.33	3.66	2x14g @600	7.68
Very High	13.69		7.70	0.33	4.16	2x14g @600	7.70
Extra High	12.25		7.45	0.32	4.26	2x14g @600	7.45

Multi Bay Two Wall Series (2 or more bays)



All values, per Post								<div><div></div><div>Applies to Outer Wall attach point</div></div>	<div><div></div><div>Applies to Central Wall attach point</div></div>	
All Area and Dimensions, per Bay		Applies to Outer 1 x Post		Applies to Centre 1 x Post		<div><div></div><div>Applies to Wall and Soffit attach</div></div>				
Wind Zone	Area Max sqm	Approx Max Dimensions	Uplift kN	Concrete m ³	Uplift kN	Concrete m ³	Distributed Load kN/m	Fixing Screws	Point Load kN	Point Load kN
Low	22.68	Overall Width 4.2m max Overall Length 5.8m max (these will vary slightly with different beam combinations)	5.23	0.23	10.45	0.45	1.94	1x14g @600	5.23	10.45
Medium	21.84		6.75	0.29	13.45	0.58	2.59	1x14g @600	6.73	13.45
High	17.64		7.68	0.33	15.37	0.67	3.66	2x14g @600	7.68	15.37
Very High	13.69		7.70	0.33	15.40	0.67	4.16	2x14g @600	7.70	15.40
Extra High	12.25		7.45	0.32	14.91	0.65	4.26	2x14g @600	7.45	14.91

Notes:

1 - For Posts, for all configurations Max Height is 2.7m.

2 - The Project engineer must ensure the structure can support the appropriate loads

3 - If Glaslide Sliding Glass doors are attached to the structure max Areas for ea **Wind Zone are reduced**

Low/Medium WZ- no reduction, High WZ 0.8, Very High WZ 0.7, Extra High and SED, Specific Design required



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Juralco SunPivot® Outdoor Living System

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Juralco SunPivot® Outdoor Living System - Area and Wind Zone Tables

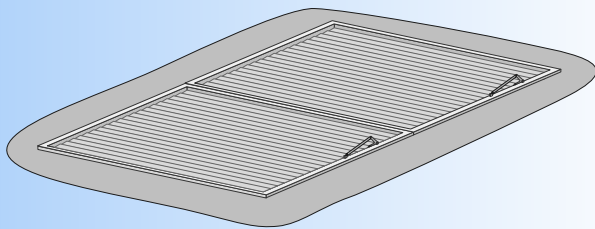
**Integrated - Available as Single or MultiBay
Wireless Controls**

Available as Single or MultiBay

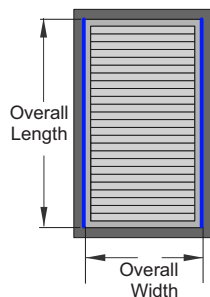
Electrically operated with Wireless Remotes

Refer to the Flow Chart to find allowable Design under the Generic PS1

Specific Engineers design available, see notes below

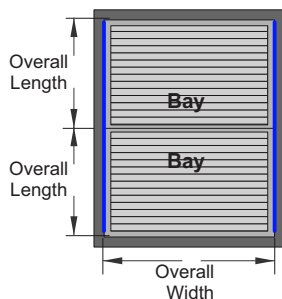
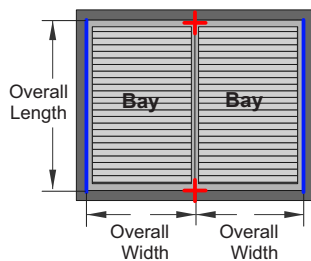


Single Bay Intergrated Series



All Area and Dimensions, per Bay				
Wind Zone	Area Max sqm	Approx Max Dimensions	Distributed Load kN/m	Fixings Screws
Low	22.68	Per Bay Overall Width max 4.2m Overall Length max 5.8m	1.94	1x14g at 600
Medium	21.84		2.59	1x14g at 600
High	17.64		3.66	2x14g at 600
Very High	13.69		4.16	2x14g at 600
Extra High	12.25		4.26	2x14g at 600

Multi Bay Intergrated Series (2 or more bays)

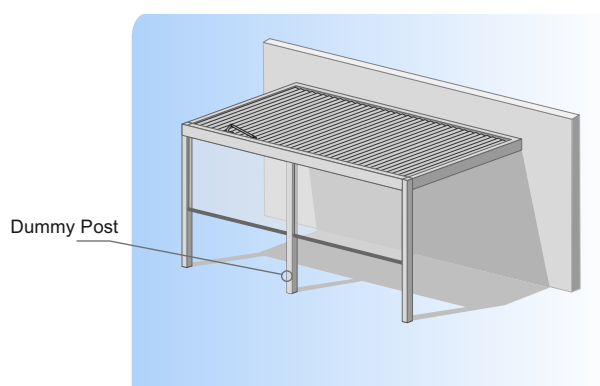
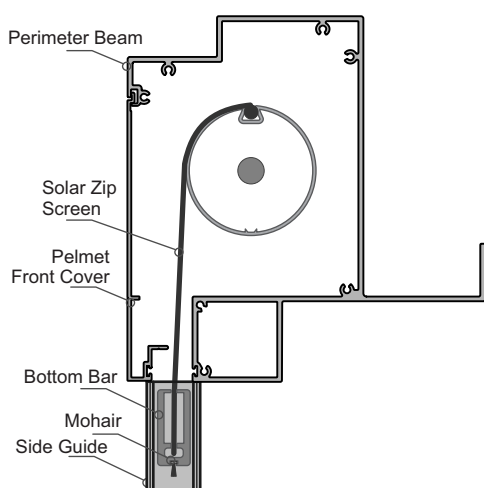


All Area and Dimensions, per Bay			Applies to Wall attach		Applies to Inner Wall attach points
Wind Zone	Area Max sqm	Approx Max Dimensions	Distributed Load kN/m	Fixing Screws	Point Load kN
Low	22.68	Overall Width 4.2m max Overall Length 5.8m max (these will vary slightly with different beam combinations)	1.94	1x14g @600	10.45
Medium	21.84		2.59	1x14g @600	13.45
High	17.64		3.66	2x14g @600	15.37
Very High	13.69		4.16	2x14g @600	15.40
Extra High	12.25		4.26	2x14g @600	14.91



Juralco SolarZip Dropdown

- For afternoon sun shade protection
- When retracted hidden completely in the Perimeter beam
- Curtain edges run inside guide rails.
- Motorised only.
- Wireless controls
- All units come with Wind Sensors to automatically retract if winds get too high



- For Side openings greater than 4m a Dummy Post can be used to give a 4m max opening

- For more details please Refer to the Juralco Solar Zip Dropscreen manual

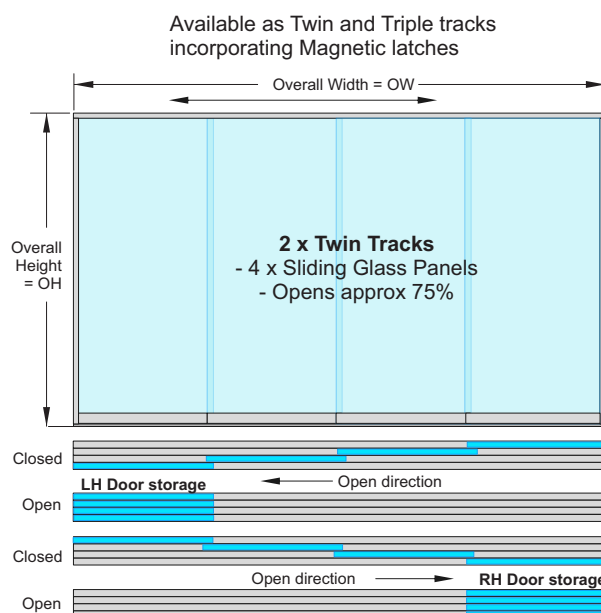


Juralco Glaslide System

- For wind protection
- Can attach the Glaslide system to the SunPivot framework
- Glass panels max 1.1m Wide ex 15mm Toughened Glass.
- Panels slide and stack to a max panel width of 1.1m
- Max Glass Panel Heights when installed in the SunPivot system

Wind Zone	Glass Height m
Low	2.7m
Medium	2.6m
High	2.4m
Very High	2.2m
Extra High	NA

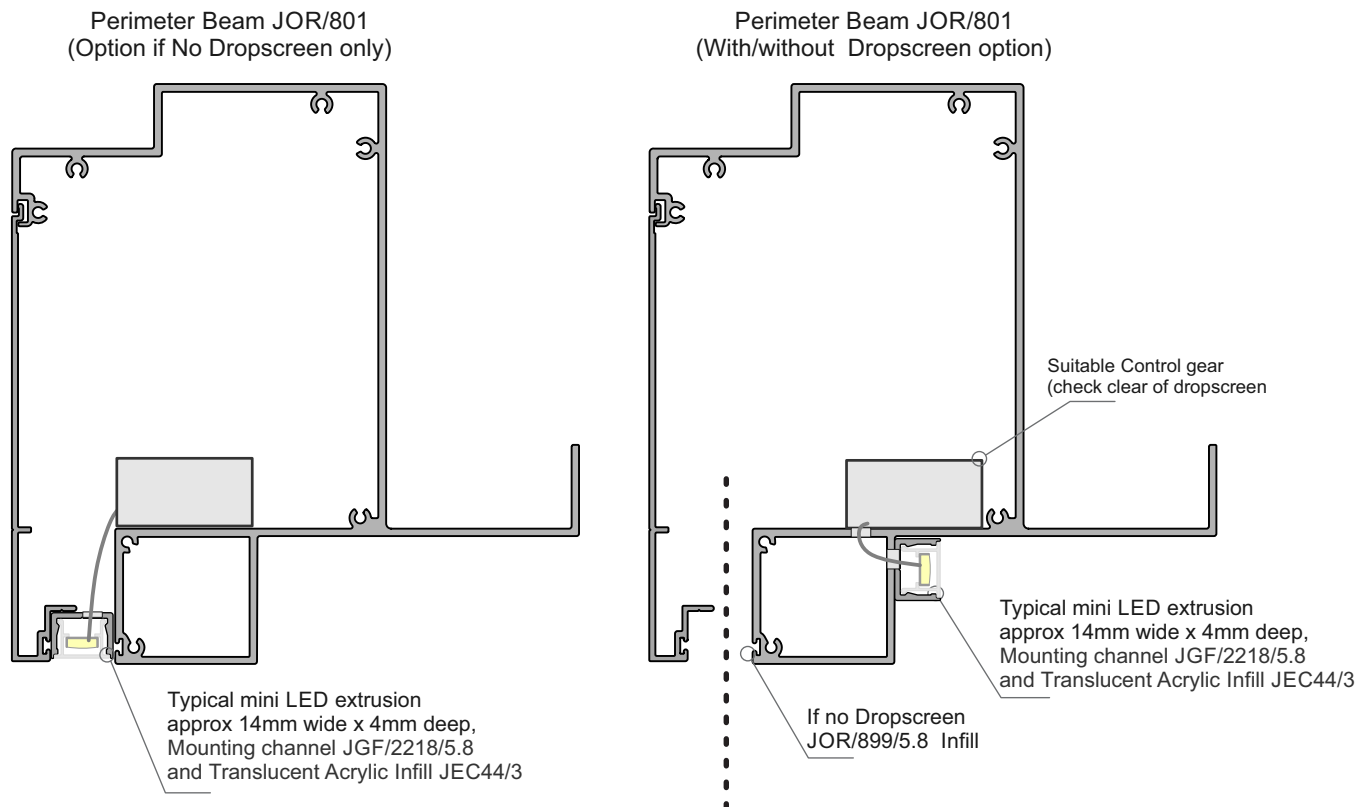
- The incorporation of a Glaslide Sliding Door panel system as part of a SunPivot frame will cause a reduction of the max allowable Area for any given Wind Zone.
Low WZ - no reduction
Medium/High WZ 0.8, Very High WZ 0.7
Extra High WZ and above - Specific Design only.



- For more details please Refer to the Juralco Glaslide manual

Lighting.

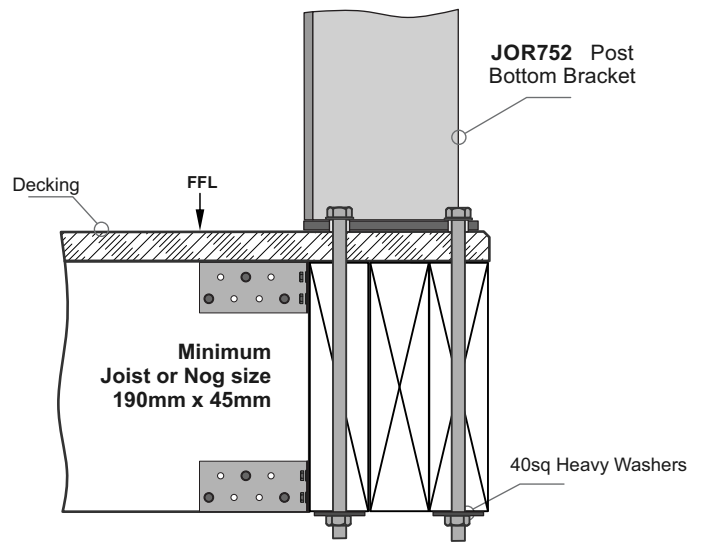
The SunPivot® system is designed to be installed outside, suitable lighting will extend its evening use for entertaining and relaxing. Many lighting solutions exist, depending on client requirements; the following are recommendations only. LED Striplights, enclosed on extrusions with diffuser covers are available in a variety of shapes from a variety of suppliers. Most of these are quite small, about 20mm wide x 10mm deep, and usually up to 2m long. Waterproof strips only 11mm wide x 3mm deep (IP 67) can be obtained up to 10m long. Attachment with suitable double sided tape is satisfactory. Control gear can be housed inside the JOR/801 extrusion. Dimming and colour changing are possible options.



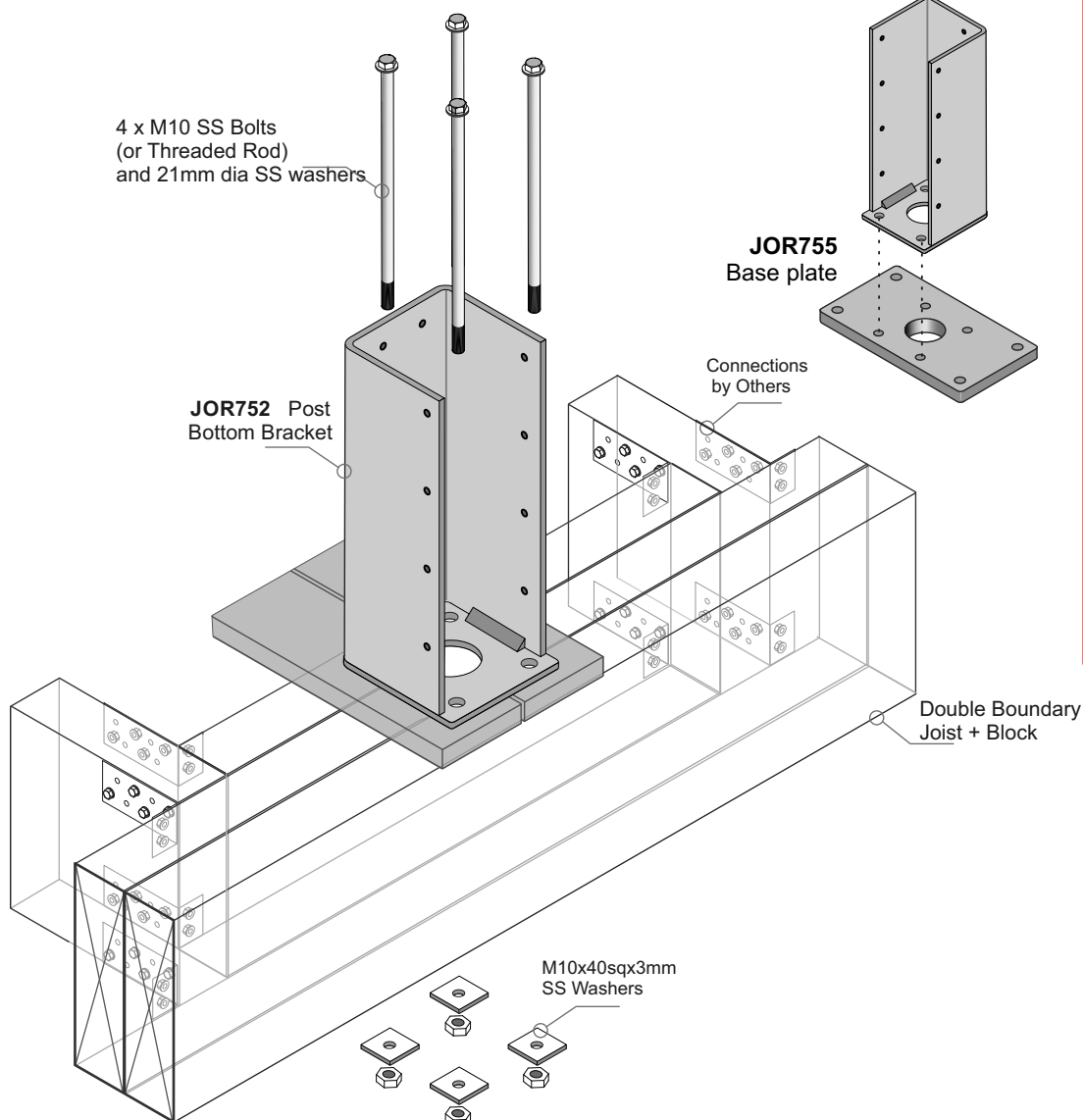
Mindy TT1L miniaturised receiver control units with pass-through installation, IP55 protection.
With radio-controls 433.92 MHZ receiver with over 4.5 million billion combinations.
Self-recognition of the transmitters of the NiceWay series with 2, 4 or 6 channels.
TT1 L for Lighting control Ultra compact 96mm long x 26 x20mm

Important Installation notes:

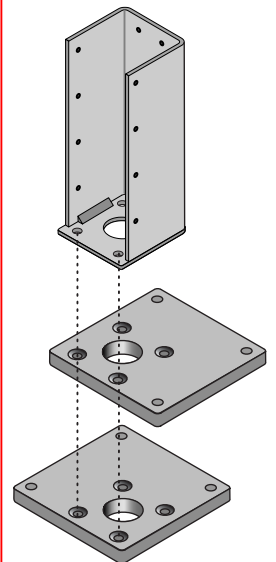
- 1 - The Project Engineer must ensure the structure can support the appropriate loads
- 2 - Substructure shown indicatively only.
- 3 - Timber SG8 minimum strength
- 4 - All Fixings must be Stainless steel



**JOR752 Post Bottom Bracket
+ Optional Base Plates**



**JOR755
Base plate**

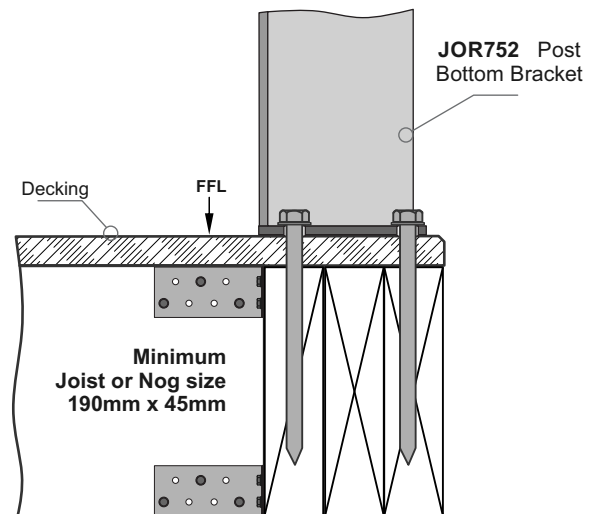


JOR756 Base plate

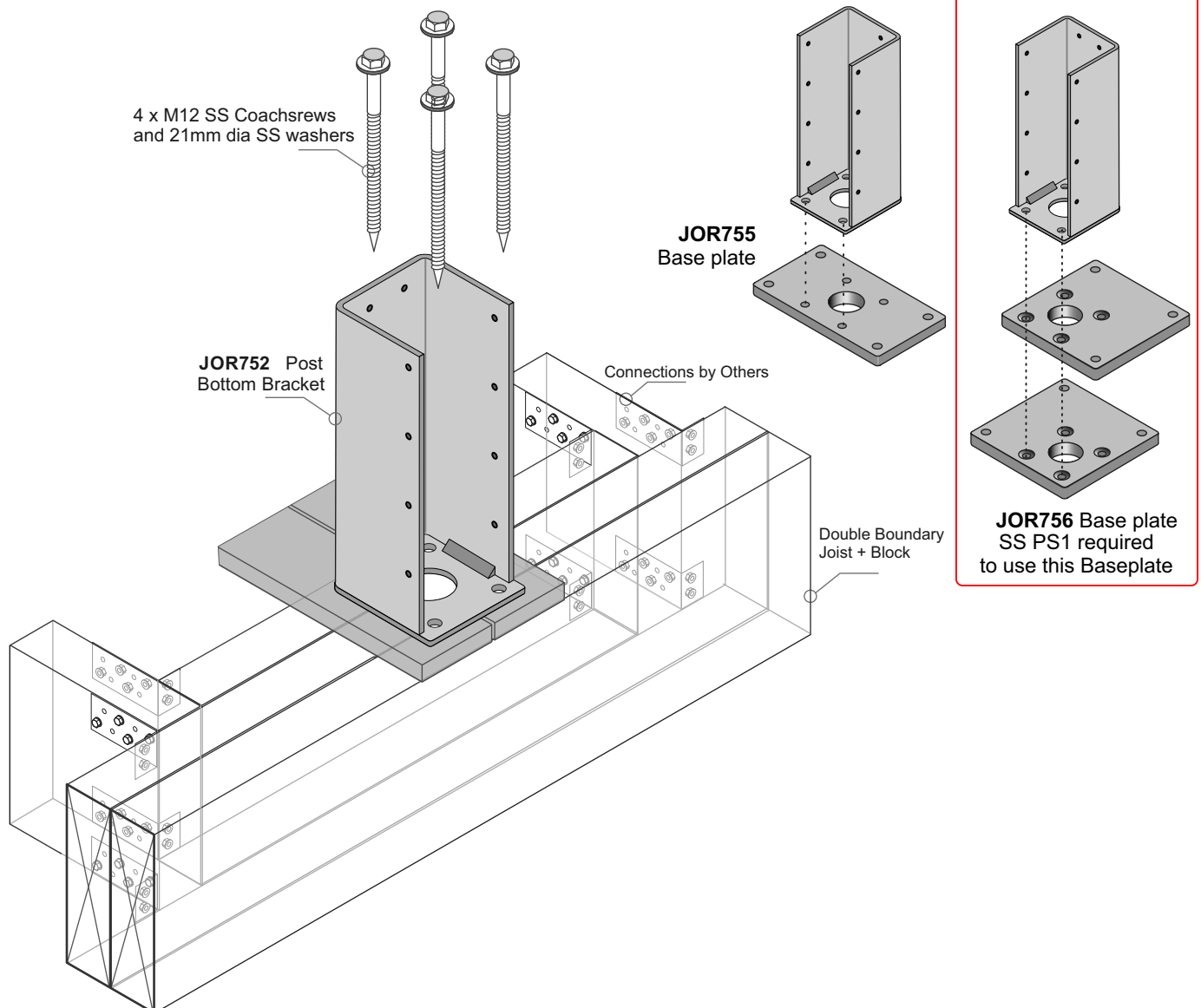
SS PS1 required
to use this Baseplate

Important Installation notes:

- 1 - The Project Engineer must ensure the structure can support the appropriate loads
- 2 - Substructure shown indicatively only.
- 3 - Timber SG8 minimum strength
- 4 - Coachscrews 150mm min engagement into joists. Predrill 6mm holes
- 5 - Bond all Coachscrews with SIKA Supergrip30 to full depth
- 6 - All Fixings must be Stainless steel



JOR752 Post Bottom Bracket + Optional Base Plates

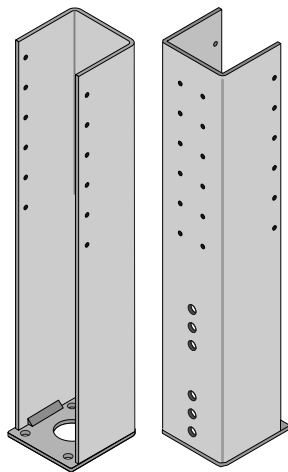
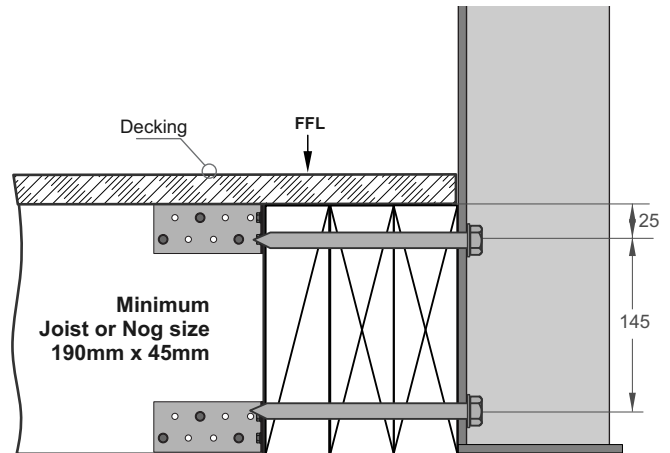


Juralco SunPivot® Living Systems - Structural - Typical Post Fixings to Timber Decks
Complies with NZS3604:2011 - Double Boundary Joists

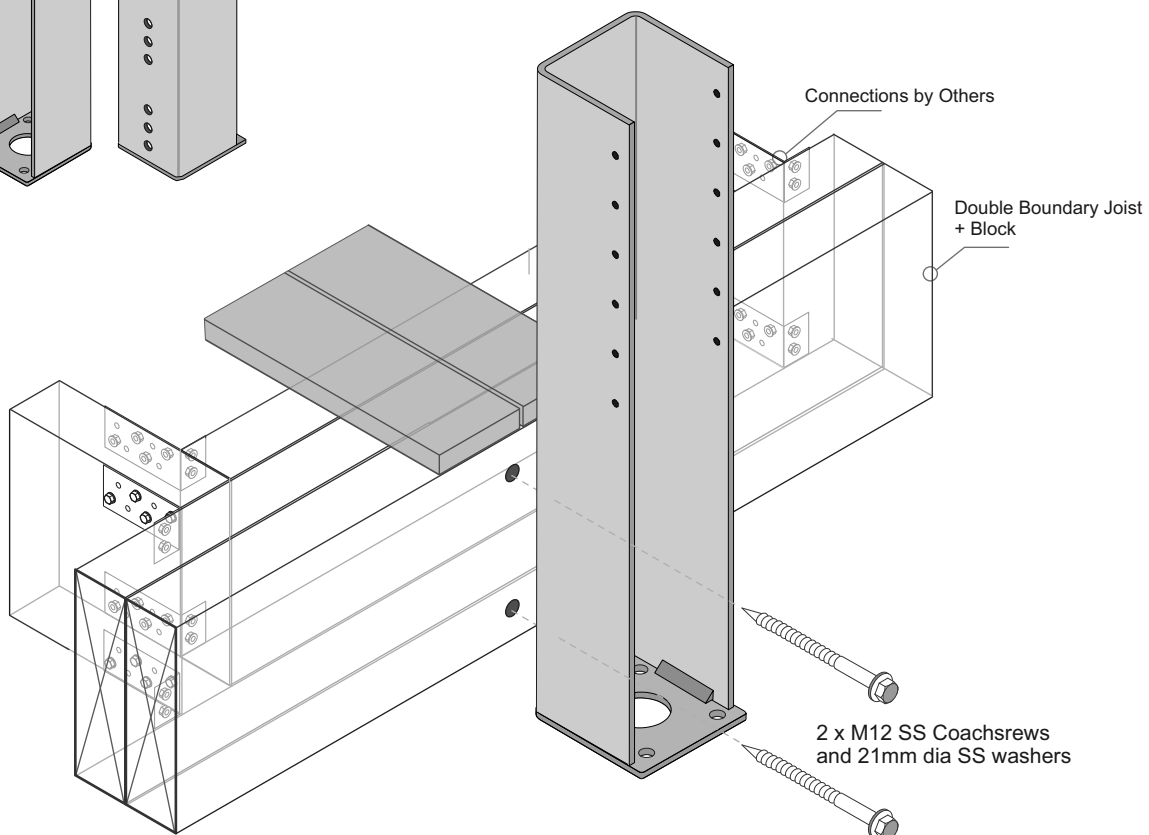
Typical FACE Fix to Timber (Deck Outer Edge) - Post Bottom Bracket JOR760 + M12 SS Coachscrews

Important Installation notes:

- 1 - The Project Engineer must ensure the structure can support the appropriate loads
- 2 - Substructure shown indicatively only.
- 3 - Timber SG8 minimum strength
- 4 - Coachscrews full engagement into joists.
Predrill 6mm holes
- 5 - Bond all Coachscrews with
SIKA Supergrip30 to full depth
- 6 - All Fixings must be Stainless steel



JOR760
Post Bottom
Tall Bracket

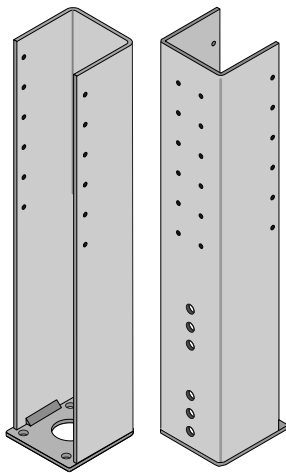
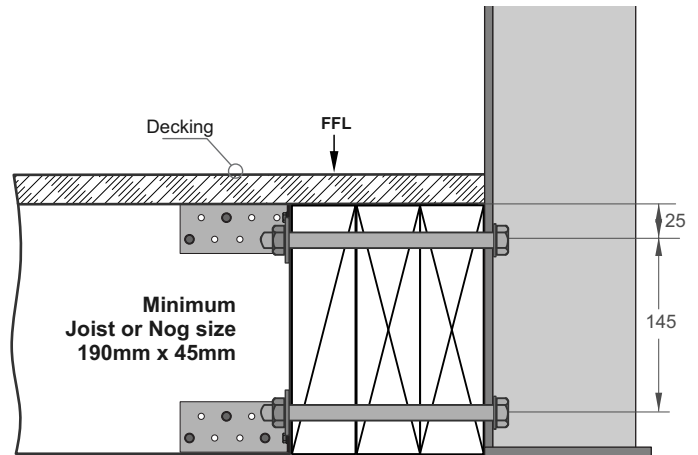


Juralco SunPivot® Living Systems - Structural - Typical Post Fixings to Timber Decks
Complies with NZS3604:2011 - Double Boundary Joists

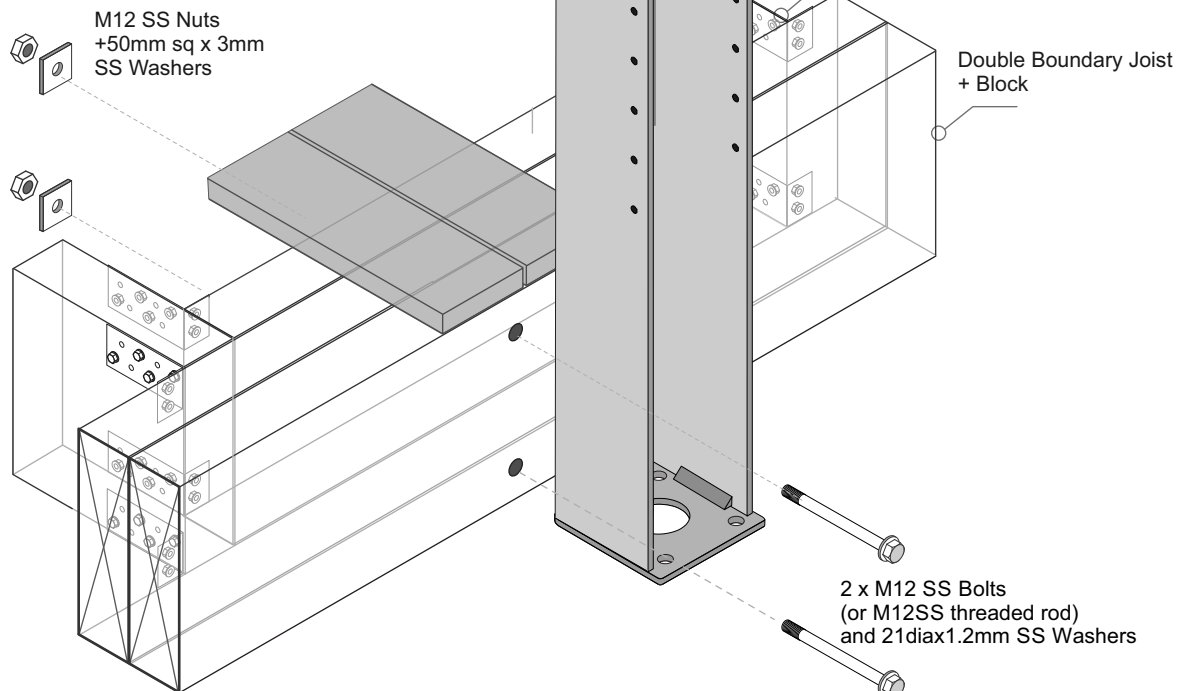
Typical FACE Fix to Timber (Deck Outer Edge) - Post Bottom Bracket JOR760 + M12 SS Bolts

Important Installation notes:

- 1 - The Project Engineer must ensure the structure can support the appropriate loads
- 2 - Substructure shown indicatively only.
- 3 - Timber SG8 minimum strength
- 4 - All Fixings must be Stainless steel

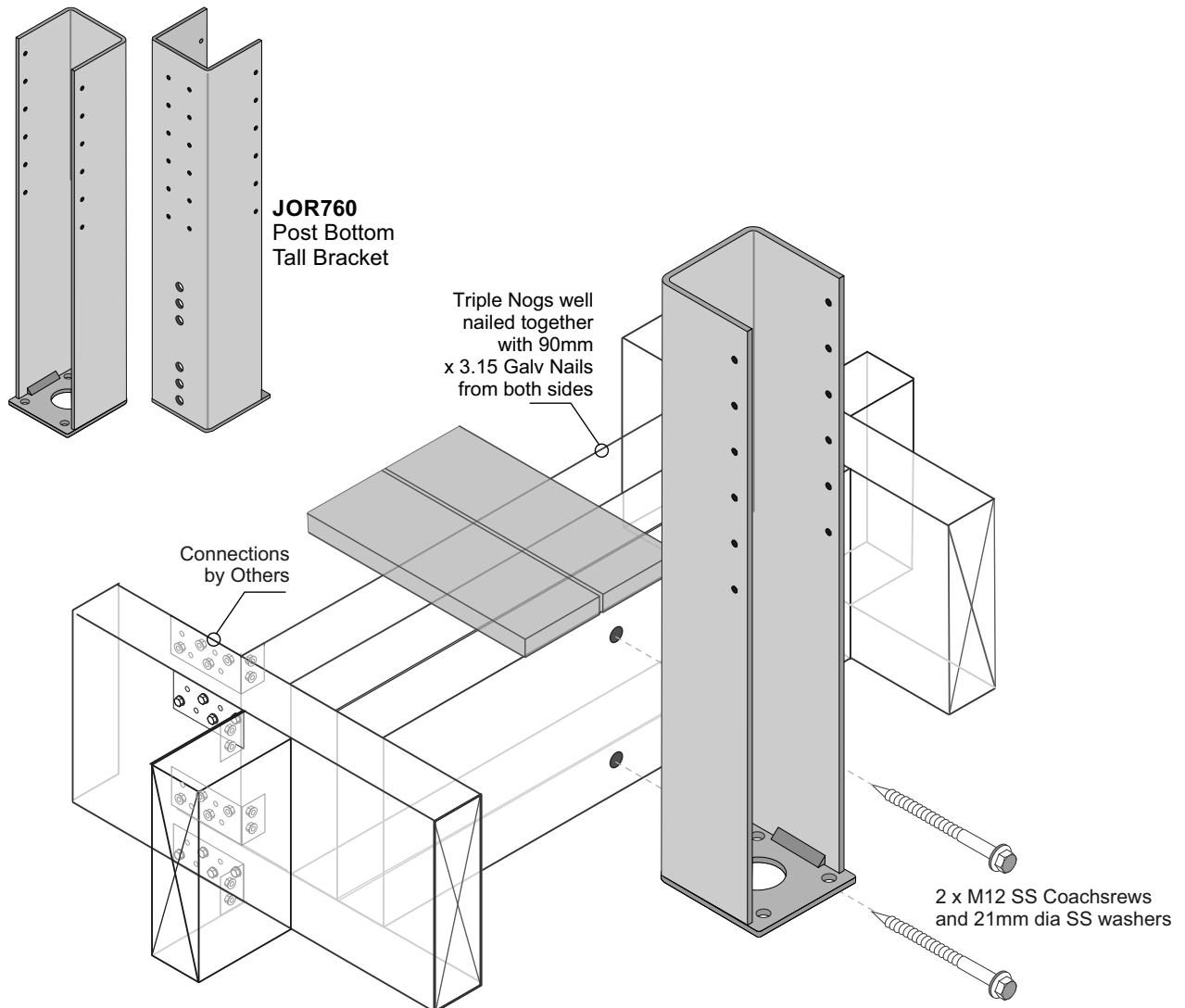


JOR760
Post Bottom
Tall Bracket



Typical FACE Fix to Timber (Deck Inner Area) - Post Bottom Bracket JOR760 + M12 SS Coachscrews

- 1 - The Project Engineer must ensure the structure can support the appropriate loads
- 2 - Substructure shown indicatively only.
- 3 - Timber SG8 minimum strength
- 4 - Coachscrews full engagement into joists.
Pre-drill 6mm holes
- 5 - Bond all Coachscrews with
SIKA Supergrip30 to full depth
- 6 - All Fixings must be Stainless steel

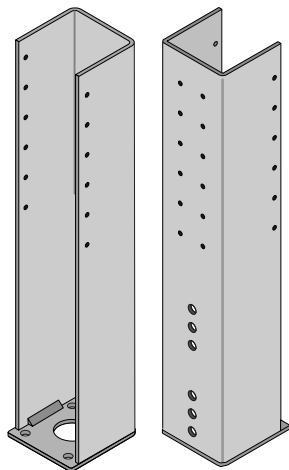
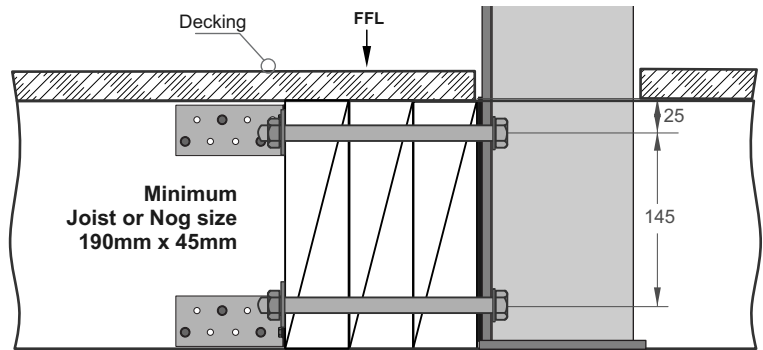


Juralco SunPivot® Living Systems - Structural - Typical Post Fixings to Timber Decks
Complies with NZS3604:2011 - Double Boundary Joists

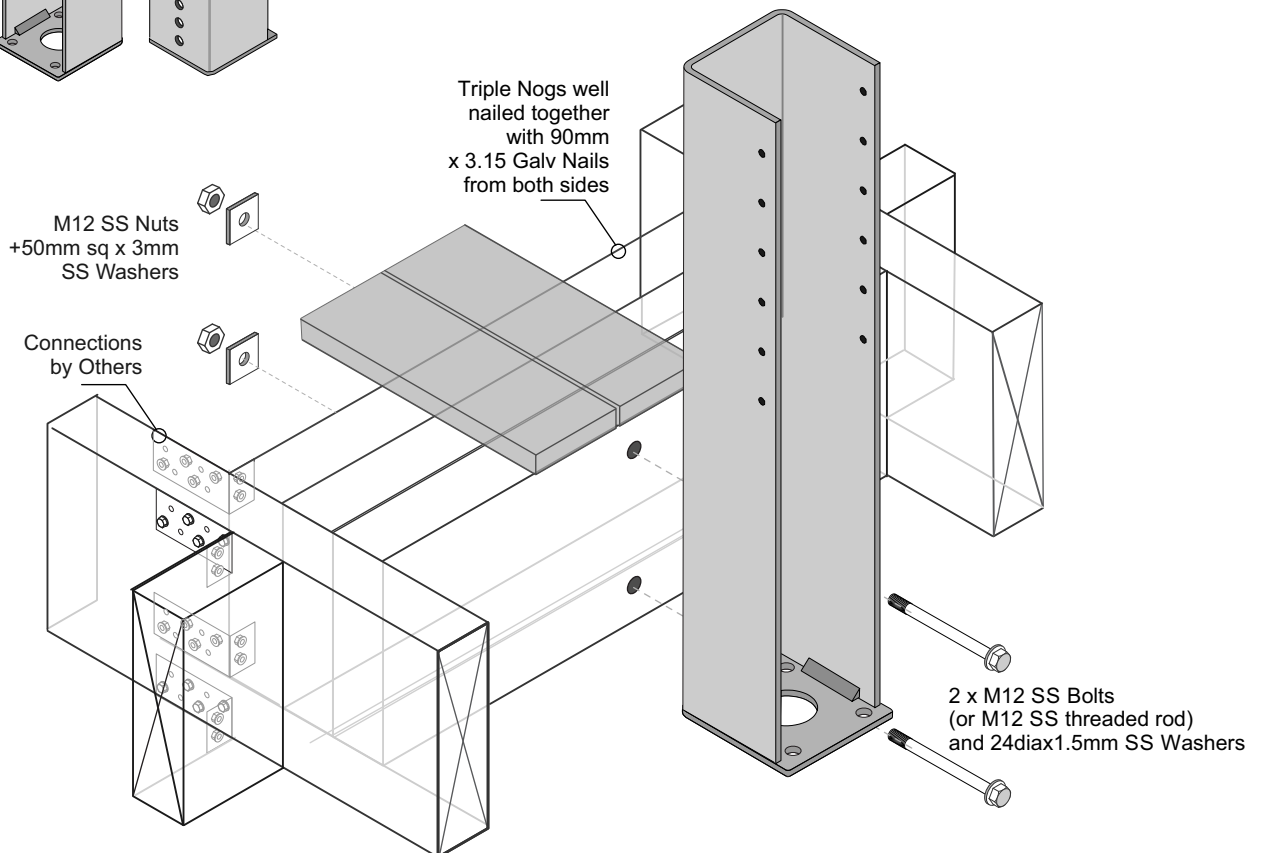
Typical FACE Fix to Timber (Deck Inner Area) - Post Bottom Bracket JOR760 + M12 SS Bolts

Important Installation notes:

- 1 - The Project Engineer must ensure the structure can support the appropriate loads
- 2 - Substructure shown indicatively only.
- 3 - Timber SG8 minimum strength
- 4 - All Fixings must be Stainless steel



JOR760
Post Bottom
Tall Bracket



Typical Top Fix to Concrete Footing - Post Bottom Bracket JOR752 or JOR760 + M12 SS Studs

Important Installation notes:

- 1 - The Project Engineer must ensure the structure can support the appropriate loads
- 2 - Substructure shown indicatively only
- 3 - All fixings must engage into the structural slab
- 4 - A PVC Tape layer must be installed between the Base plate and Concrete
- 5 - All fixings must be Stainless steel



Installation details Fischer FIS V 300T

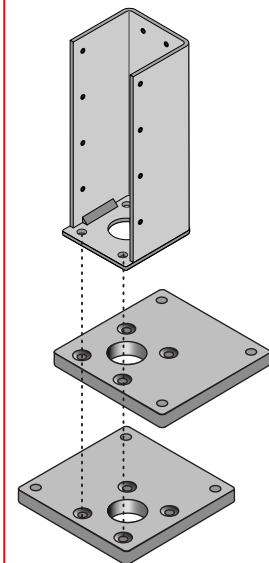
Thread diameter M12
 Drill hole diameter = 14 mm
 Drill hole depth = 130 mm
 Anchorage depth = 120 mm

Drilling method Hammer drilling
 Drill hole cleaning 4 times blowing,
 4 times brushing,
 4 times blowing

No borehole cleaning required in case of using a hollow drill bit, e.g. fischer FHD.

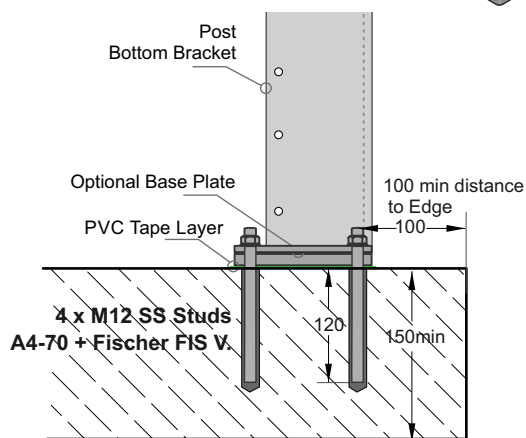
JOR752 Post Bottom Bracket + Optional Base Plates

JOR755 Base plate



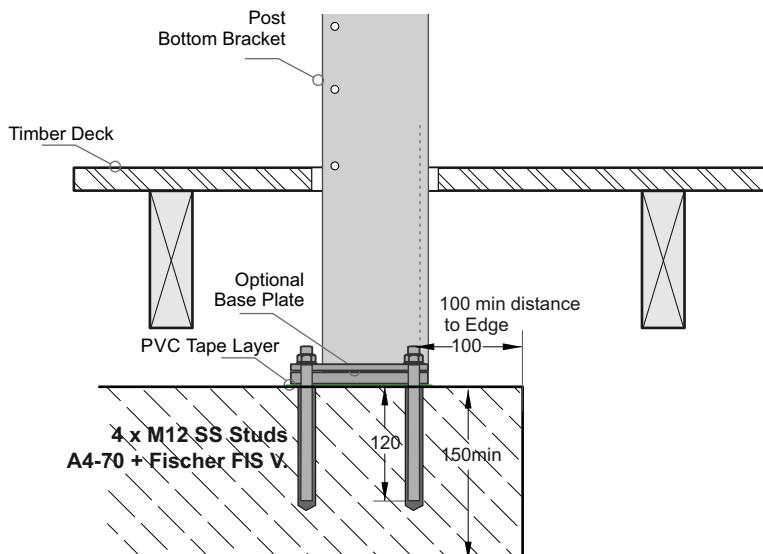
JOR756 Base plate

SS PS1 required to use this Baseplate



Uncracked Concrete Slab Min 25MPa reinforced

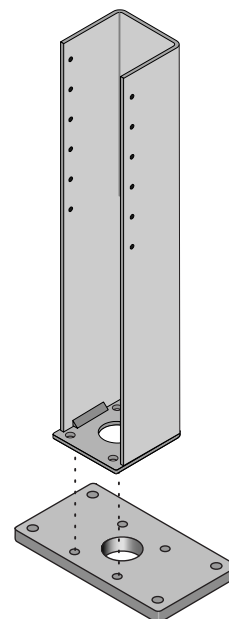
Typical Mounting to Concrete Footing



Uncracked Concrete Slab Min 25MPa reinforced

Typical Mounting to Concrete Footing through a Timber Deck, using extra long Corner Post Bracket

JOR760 Post Bottom Tall Bracket + Optional Base Plate



JOR755 Base plate

Typical Top Fix to Concrete Slab - Post Bottom Brackets JOR752 or JOR760 + M10SS Fischer Screws

Important Installation notes:

- 1 - The Project Engineer must ensure the structure can support the appropriate loads
- 2 - Substructure shown indicatively only
- 3 - All fixings must engage into the structural slab
- 4 - A PVC Tape layer must be installed between the Base plate and Concrete
- 5 - All fixings must be Stainless steel



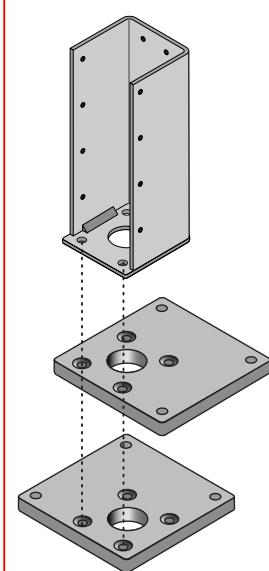
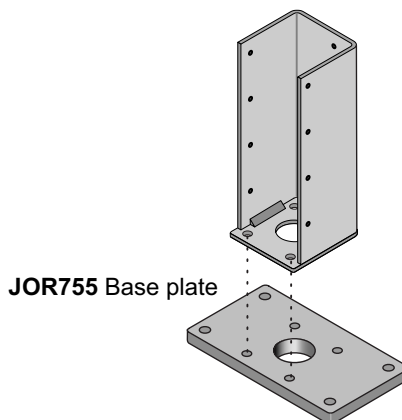
Installation details Fischer FBS 2 Concrete Screw 10x80

Thread diameter	12mm
Drill hole diameter	= 10 mm
Drill hole depth	= 75 mm
Anchorage depth	= 65 mm

Drilling method	Hammer drilling
Drill hole cleaning	4 times blowing, 4 times brushing, 4 times blowing

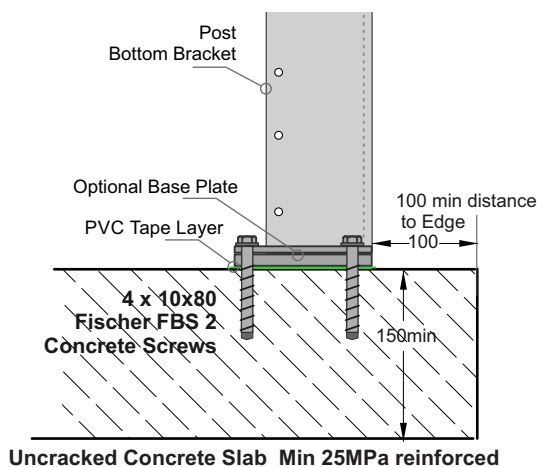
No borehole cleaning required in case of using a hollow drill bit, e.g. fischer FHD.

JOR752 Post Bottom Bracket + Optional Base Plates

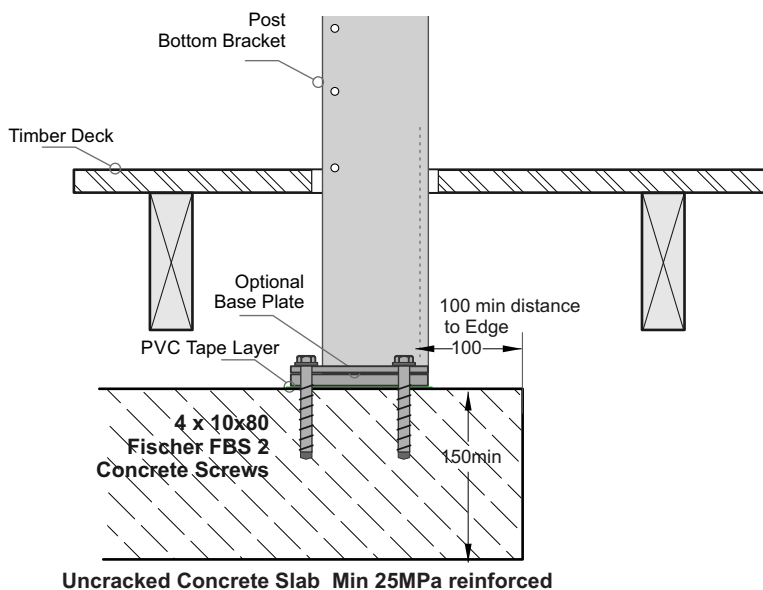


JOR756 Base plate

SS PS1 required to use this Baseplate

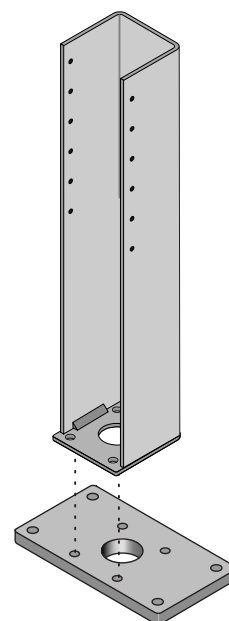


Typical Mounting to Concrete Slab



Typical Mounting to Concrete Slab through a Timber Deck, using Tall Post Bracket

JOR760 Post Bottom Tall Bracket + Optional Base Plate

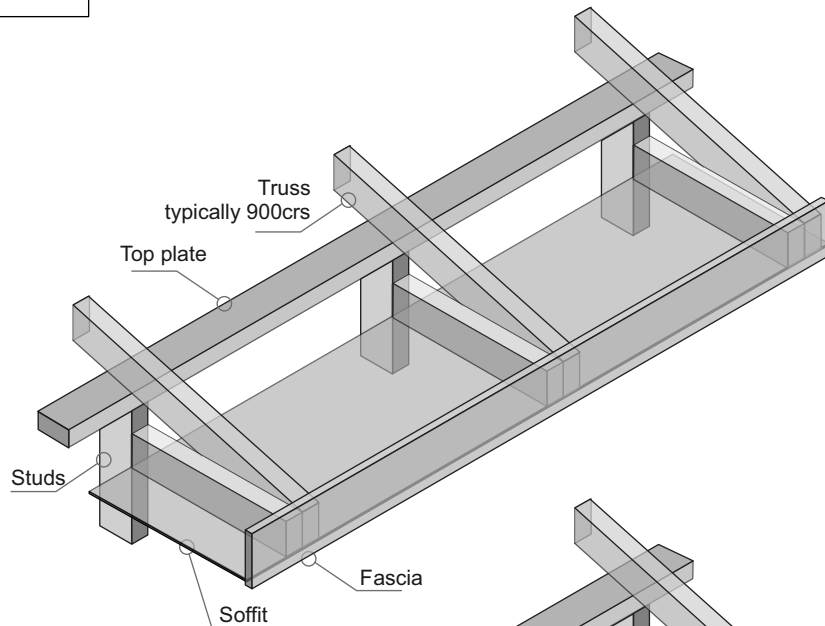


JOR755 Base plate

Important Installation notes:

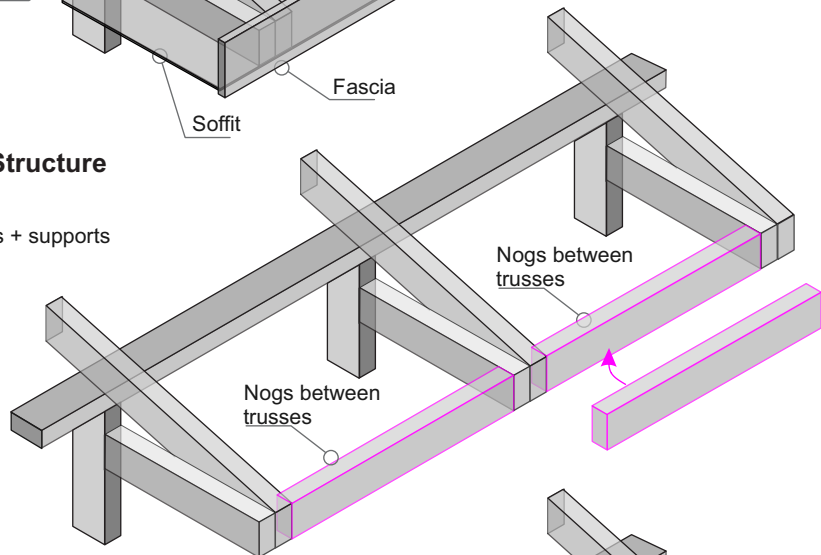
- 1 - The Project Engineer must ensure the structure can support the appropriate loads
- 2 - Substructure shown indicatively only
- 3 - All fixings must be Stainless steel

Soffit - Typical Soffit Structure



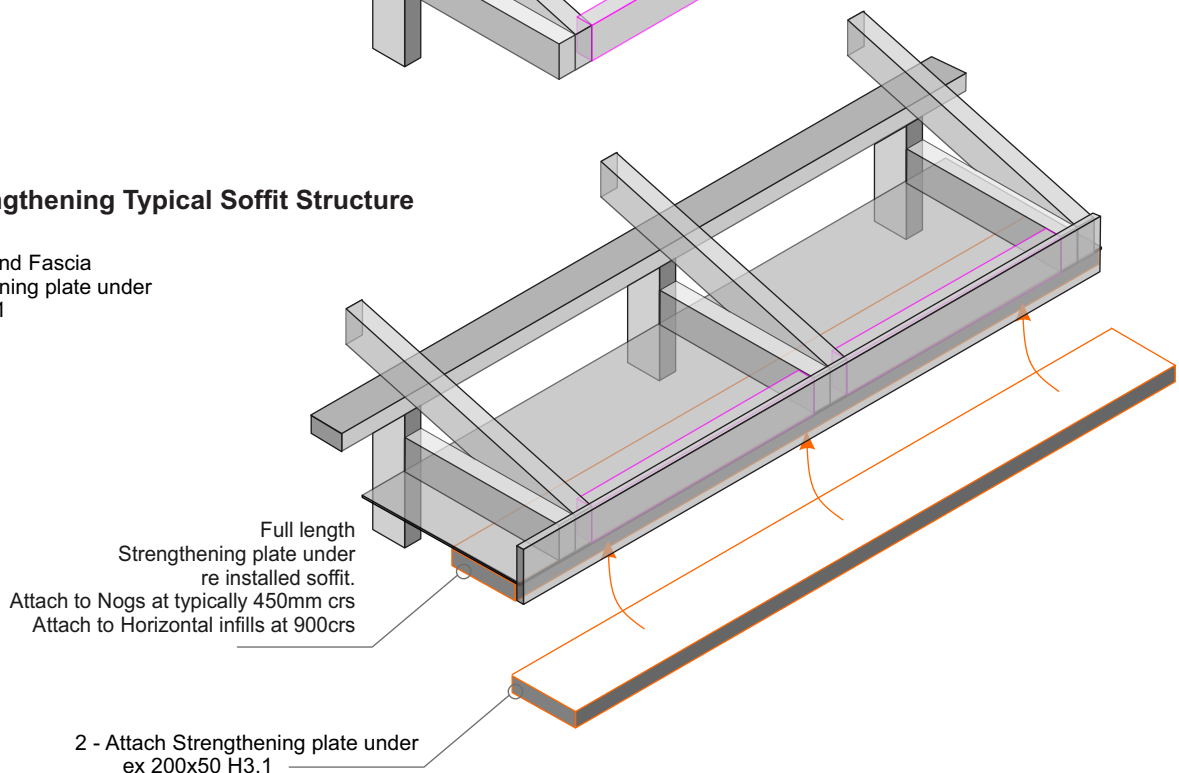
Stage 1 - Strengthening Typical Soffit Structure

- 1 - Remove Soffit and Fascia
- 2 - Attach Nogs ex 100x50 H3.1 between the Trusses + supports
Nailplates + Product nails to ea corner 3Kn



Stage 2 - Strengthening Typical Soffit Structure

- 1 - Reattach Soffit and Fascia
- 2 - Attach Strengthening plate under ex 200x50 H3.1



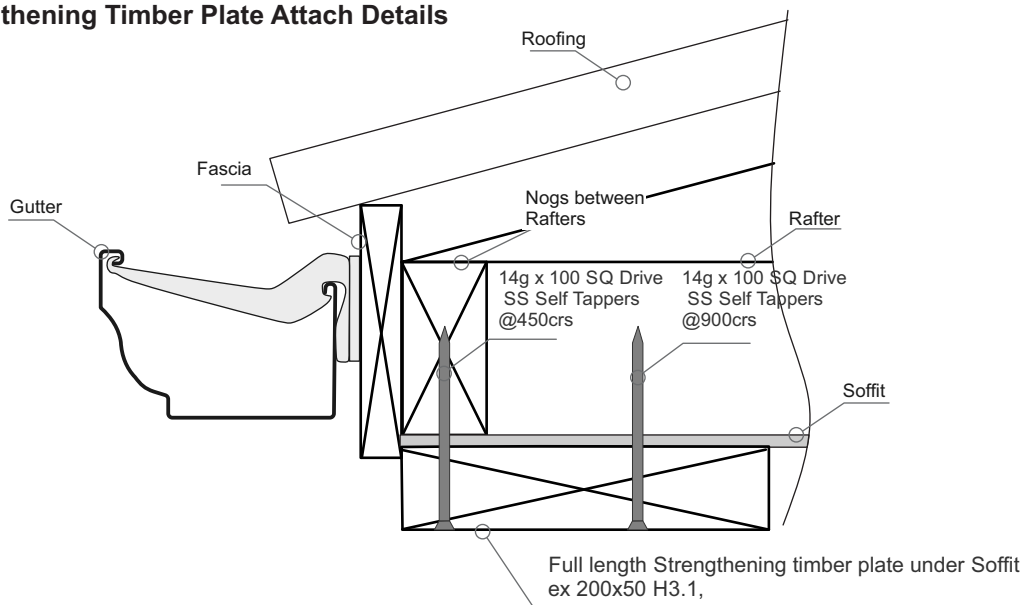
Important Installation notes:

- 1 - The Project Engineer must ensure the structure can support the appropriate loads
- 2 - Substructure shown indicatively only
- 3 - All fixings must be Stainless steel

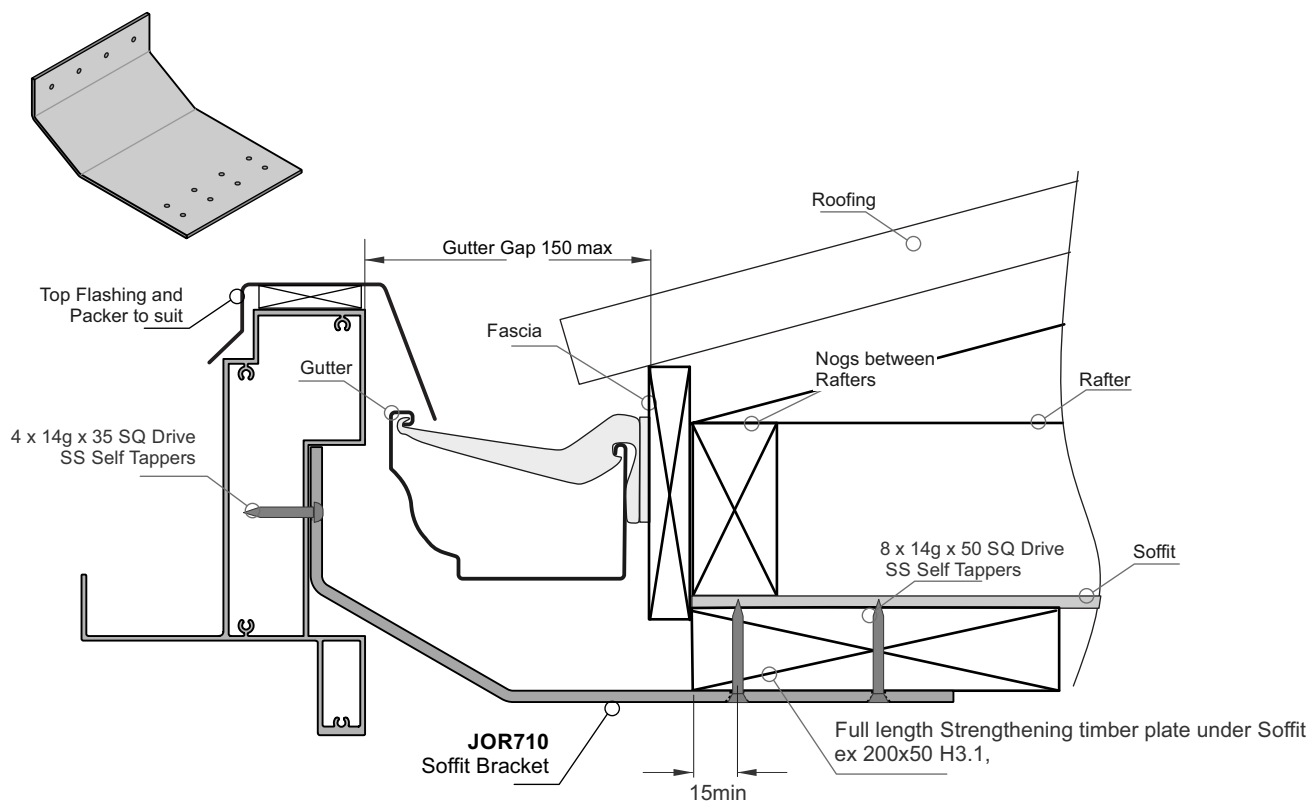
Notes:

- 1 - Applies to Soffit overhangs of 400mm or less. You will need site specific Engineering if greater than 400mm

1 - Soffit Strengthening Timber Plate Attach Details



2 - JOR710 Soffit Bracket Attach Details

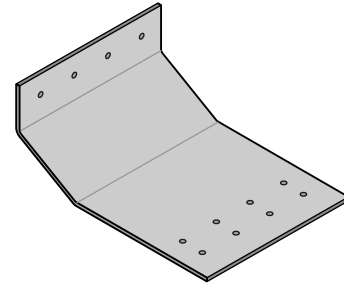


Juralco SunPivot® Outdoor Living System - Soffit Steel Brackets

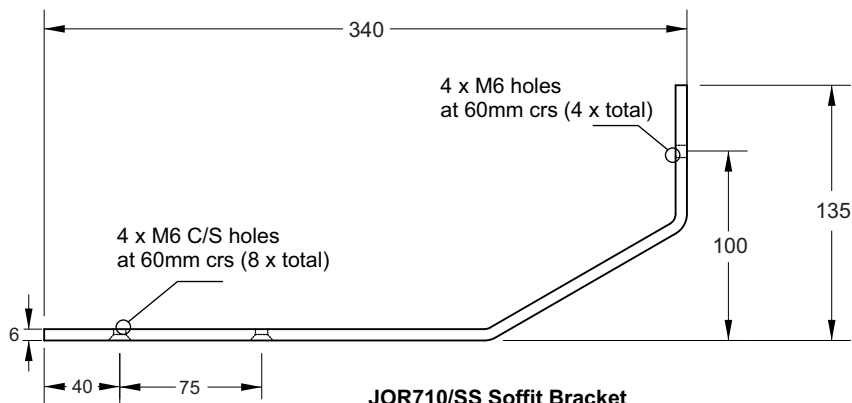
JOR710/SS Soffit Bracket. All ex 6mm Stainless Steel
 Attach the JOR710 with 4 x 14g x SQ Drive SS Self Tappers
 attached as per minimum spacings below
to a full length strenghtening plate to Nogs and Rafters

For Distributed Loads only - Louvres perpendicular to Walls

SunPivot Max Total allowable Dimensions 4.2m Width x 5.8m Length		
Wind Zone	Max Roof Width. m	Max Bracket Spacing m
Low	4.2	0.8
	3.2	1.0
Medium	4.2	0.6
	3.2	0.8
High	3.6	0.5
	2.6	0.8
Very High	3.6	0.5
	2.4	0.8
Extra High	2.9	0.5
	1.8	0.8



JOR710/SS Soffit Bracket
 All ex 6mm SS
 300 wide x 135 high x 340 deep



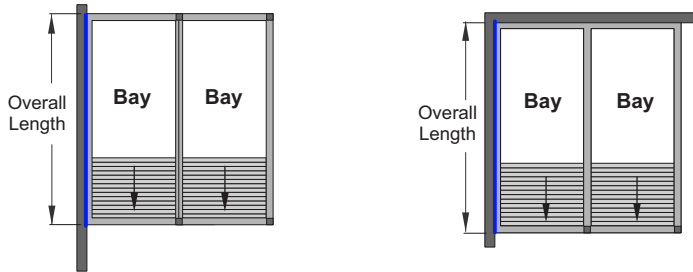
JOR710/SS Soffit Bracket
 All ex 6mm SS
 250 wide x 135 high x 340deep

NOTE : Only applicable to Louvres perpendicular to Wall ie Distributed Load, Wall (or Soffit Attach)

Important Installation notes:

- 1 - The Project Engineer must ensure the structure can support the appropriate loads
- 2 - Substructure shown indicatively only
- 3 - All fixings must be Stainless steel

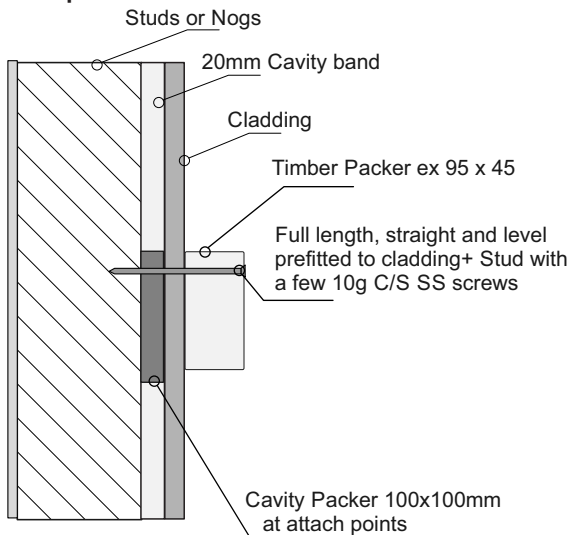
This for JOR/807 Narrow Beam Only attached to a Wall



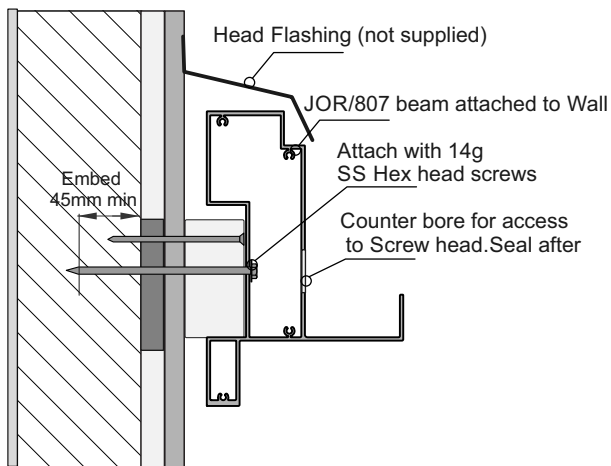
Blue lines show Distributed load - Timber fixings

Cavity Fixing

Step 1

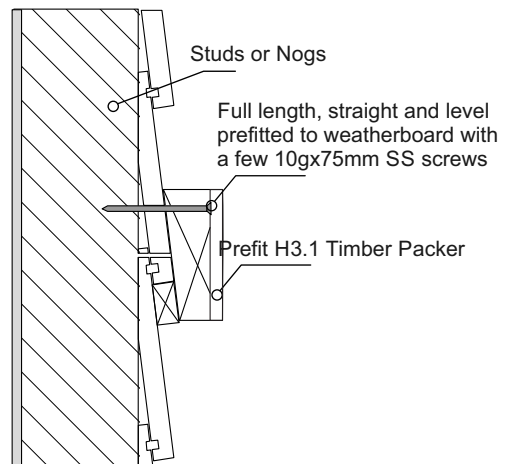


Step 2

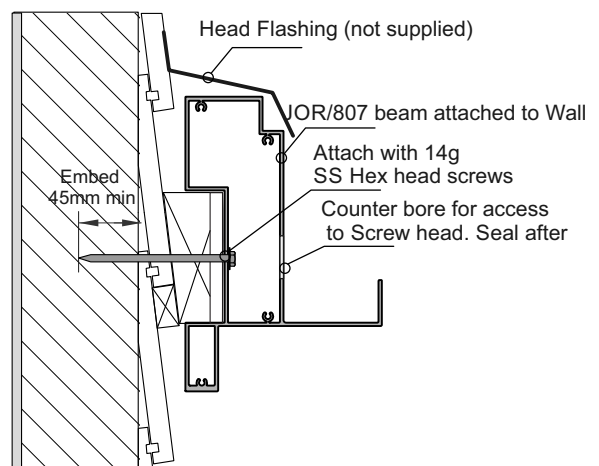


Direct to Weatherboard Fixing

Step 1



Step 2

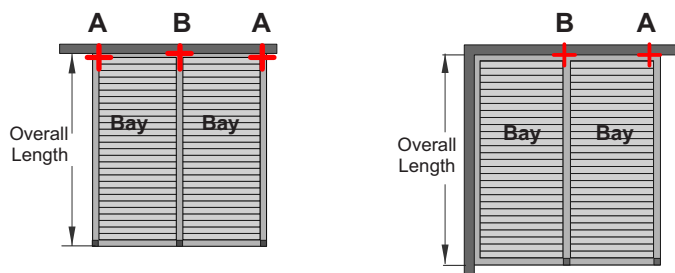


NOTE : Only applicable to Louvres aligned to Wall ie Point Load, Wall (or Soffit Attach)

Important Installation notes:

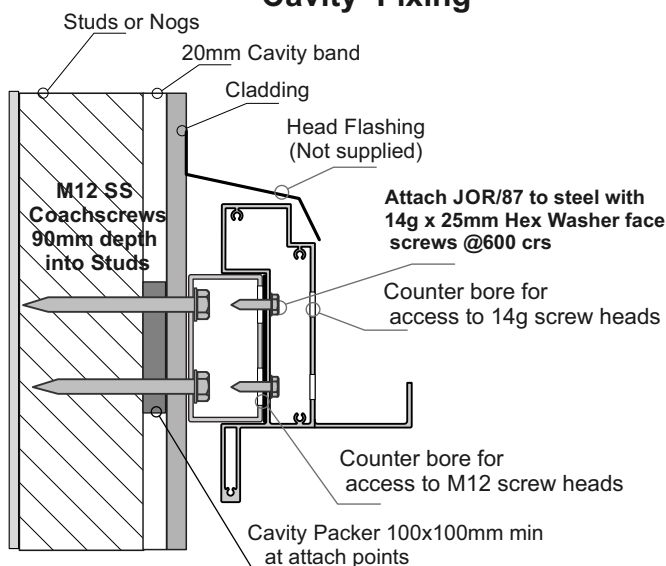
- 1 - The Project Engineer must ensure the structure can support the appropriate loads
- 2 - Substructure shown indicatively only
- 3 - All fixings must be Stainless steel

This for JOR/807 Narrow Beam Only.
attached to a Wall



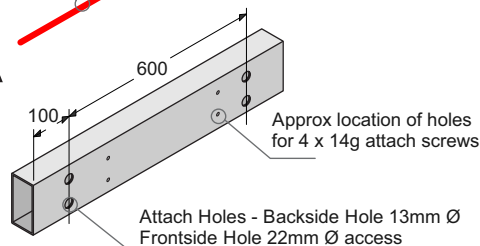
Red Cross show Point load - Steel fixings

Cavity Fixing



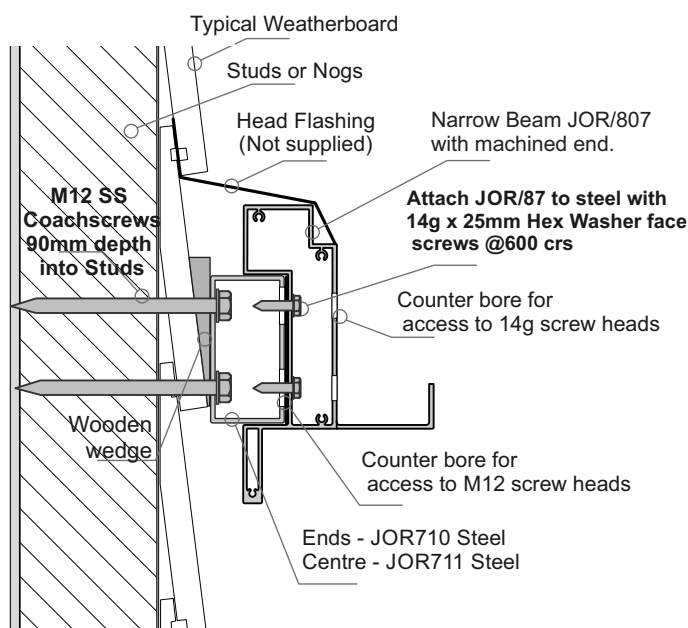
Ends - Attach to Wall
JOR710

A



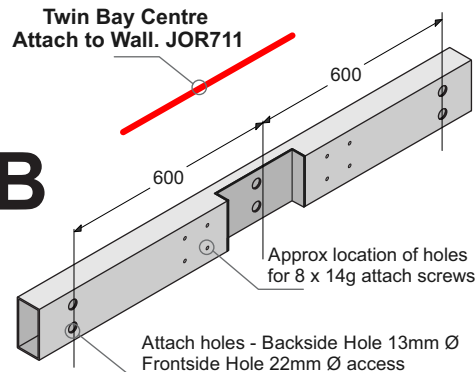
JOR710 Steel RHS 100 x 50 x 3 x 0.8m. Duragalv securely screwed to studs or lintel with 4 x M12 SS Coachscrews. Drill attach holes to line up with studs (if needed) or use existing holes into lintel. Mount hard into JOR/807 beam corners.

Direct to Weatherboard Fixing



Twin Bay Centre
Attach to Wall. JOR711

B



JOR711 Steel RHS 100 x 50 x 3 x 1.4m. HD Galv securely screwed to studs or lintel with 6 x M12 SS Coachscrews. Drill attach holes to line up with studs (if needed) or use existing holes into lintel.

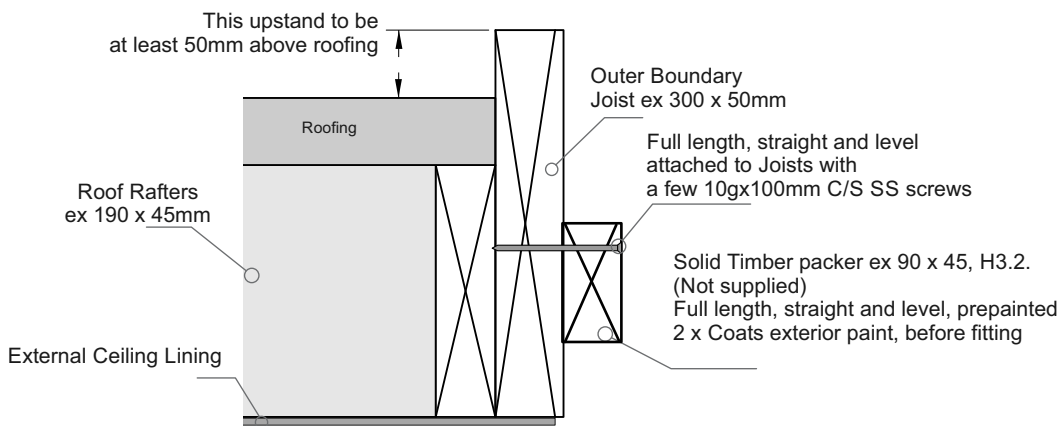
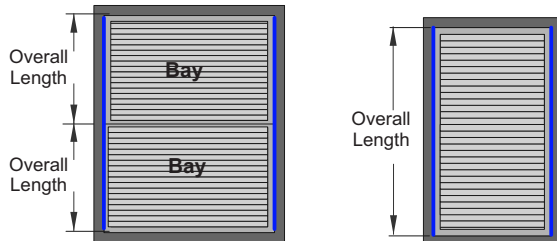
NOTE : Only applicable to Louvres perpendicular to Wall ie Distributed Load, Wall (or Soffit Attach)

Important Installation notes:

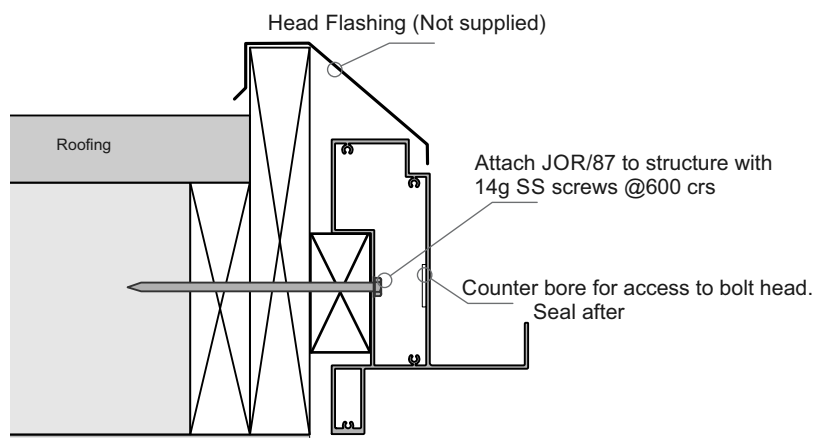
- 1 - The Project Engineer must ensure the structure can support the appropriate loads
- 2 - Substructure shown indicatively only
- 3 - All fixings must be Stainless steel

This for JOR/807 Narrow Beam Only.
as an Intergrated Structure

Blue lines show Distributed load - Timber fixings



Typical Integrated Roof Construction. Boundary joists all very firmly attached to Roof rafters. Engineer to check structure



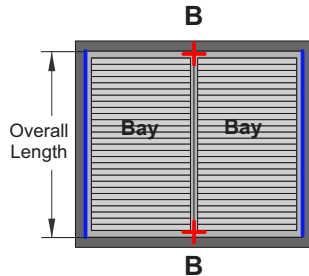
Recommended Integrated Roof attachment to structure

NOTE : Only applicable to Louvres aligned to Wall ie Point Load, Wall (or Soffit Attach)

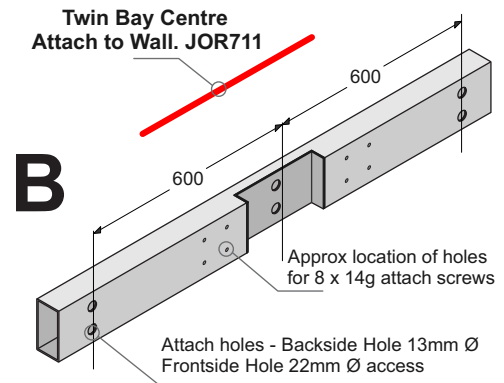
Important Installation notes:

- 1 - The Project Engineer must ensure the structure can support the appropriate loads
- 2 - Substructure shown indicatively only
- 3 - All fixings must be Stainless steel

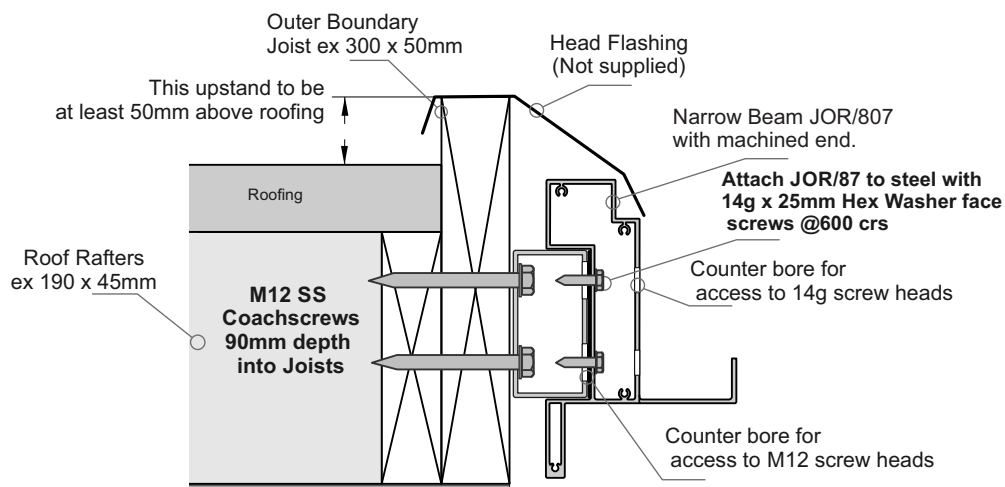
This for JOR/807 Narrow Beam Only.
as Intergrated Structure



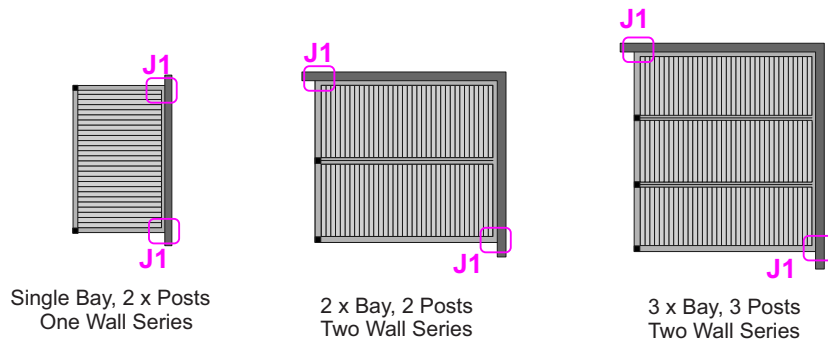
Red Cross show Point load - Steel fixings



JOR711 Steel RHS 100 x 50 x 3 x 1.4m. HD Galv securely screwed to studs or lintel with 6 x M12 SS Coachscrews. Drill attach holes to line up with studs (if needed) or use existing holes into lintel



Juralco SunPivot® Outdoor Living System - Joint Assemblies

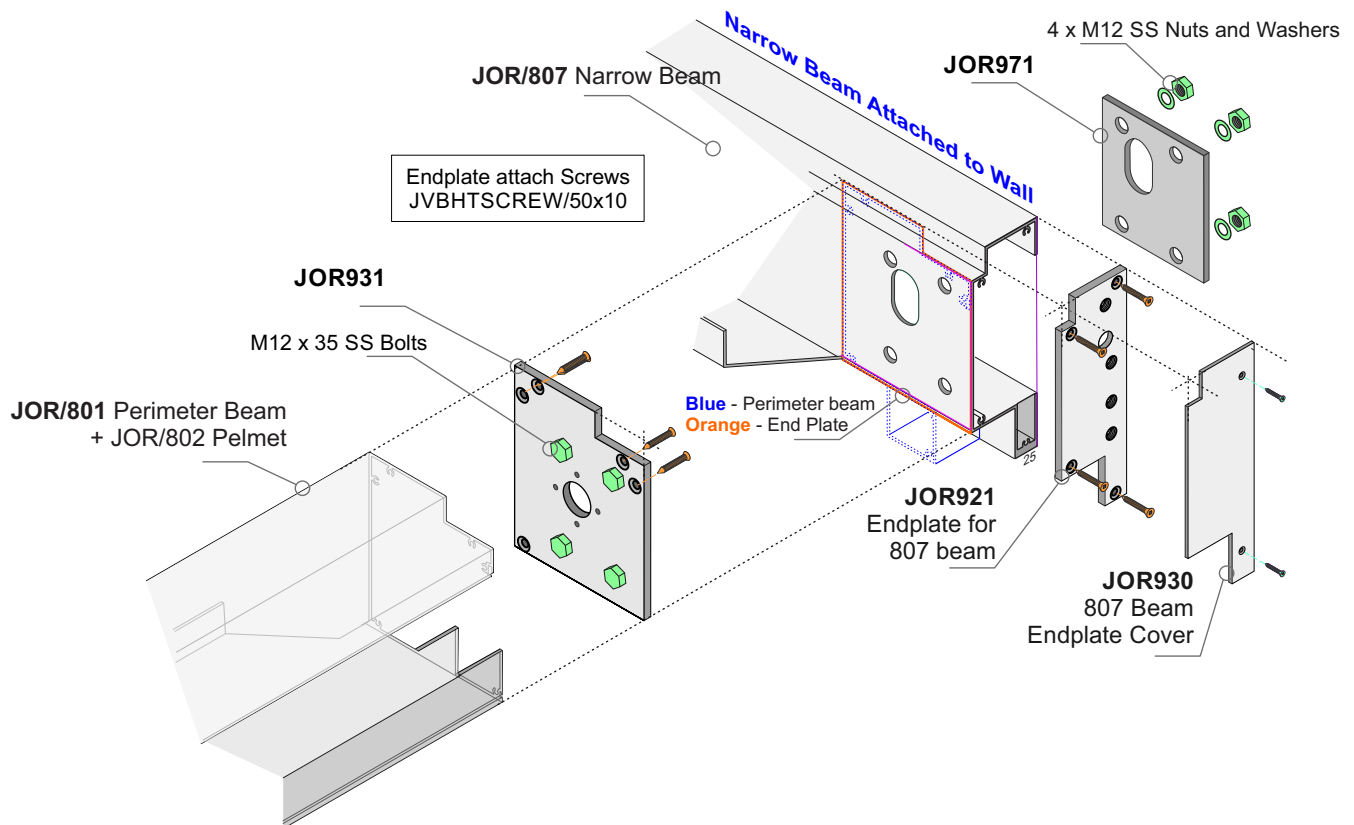


A Selection of some Layouts using Joint 1

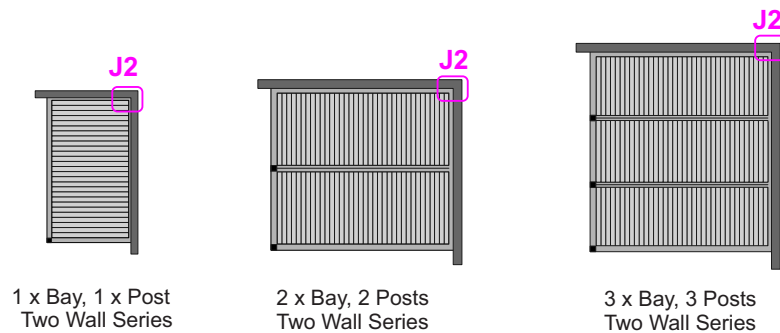
If Point load
use Steel Bracket A
Inside the Narrow Beam

JOINT 1

Perimeter Beam meets
a Narrow beam at a Wall
Can be RH or LH



Juralco SunPivot® Outdoor Living System - Joint Assemblies

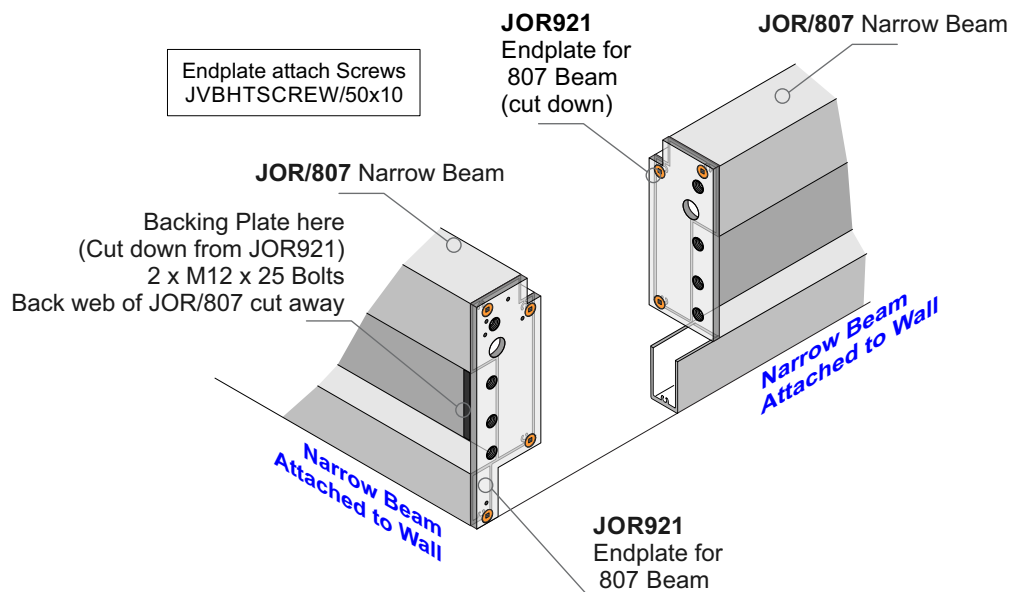


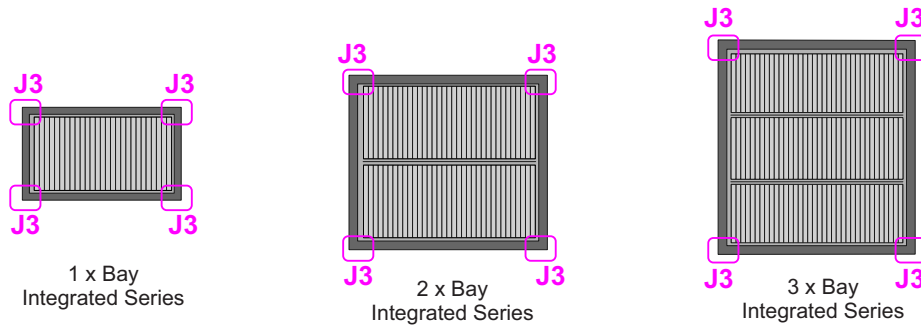
A Selection of some Layouts using Joint 2

If Point load
use Steel Bracket A
Inside the Narrow Beam

JOINT 2

Narrow Beam meets
a Narrow beam on Walls.
Can be RH or LH



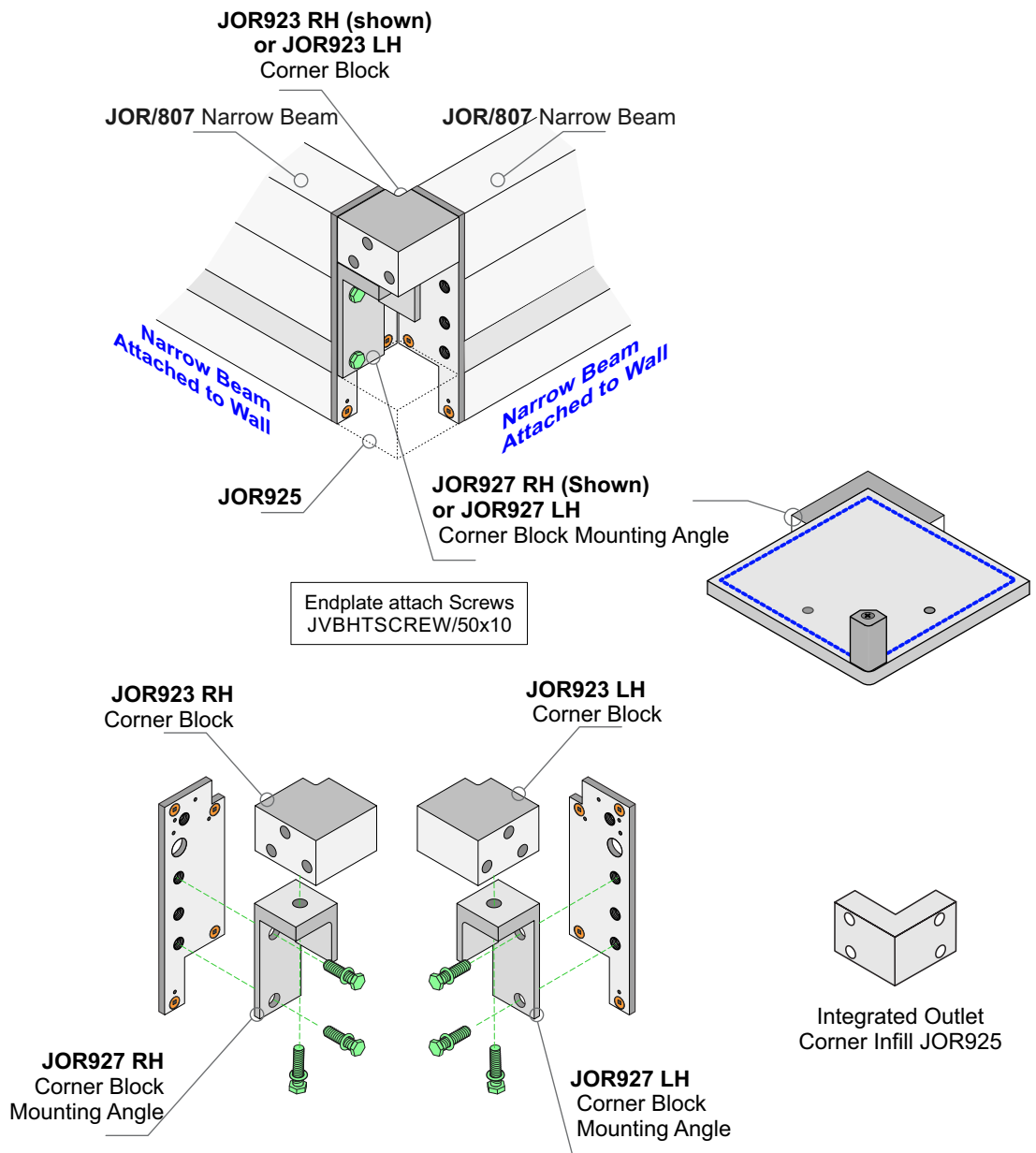


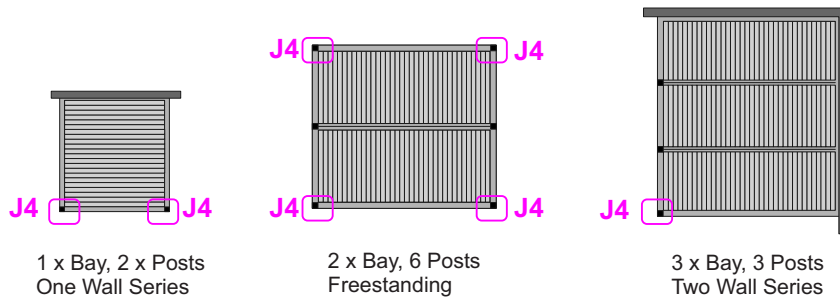
A Selection of some Layouts using Joint 3

If Point load
use Steel Bracket A
Inside the Narrow Beam

JOINT 3

Narrow Beam meets
a Narrow beam on Walls
(Integrated only. RH, LH identical))

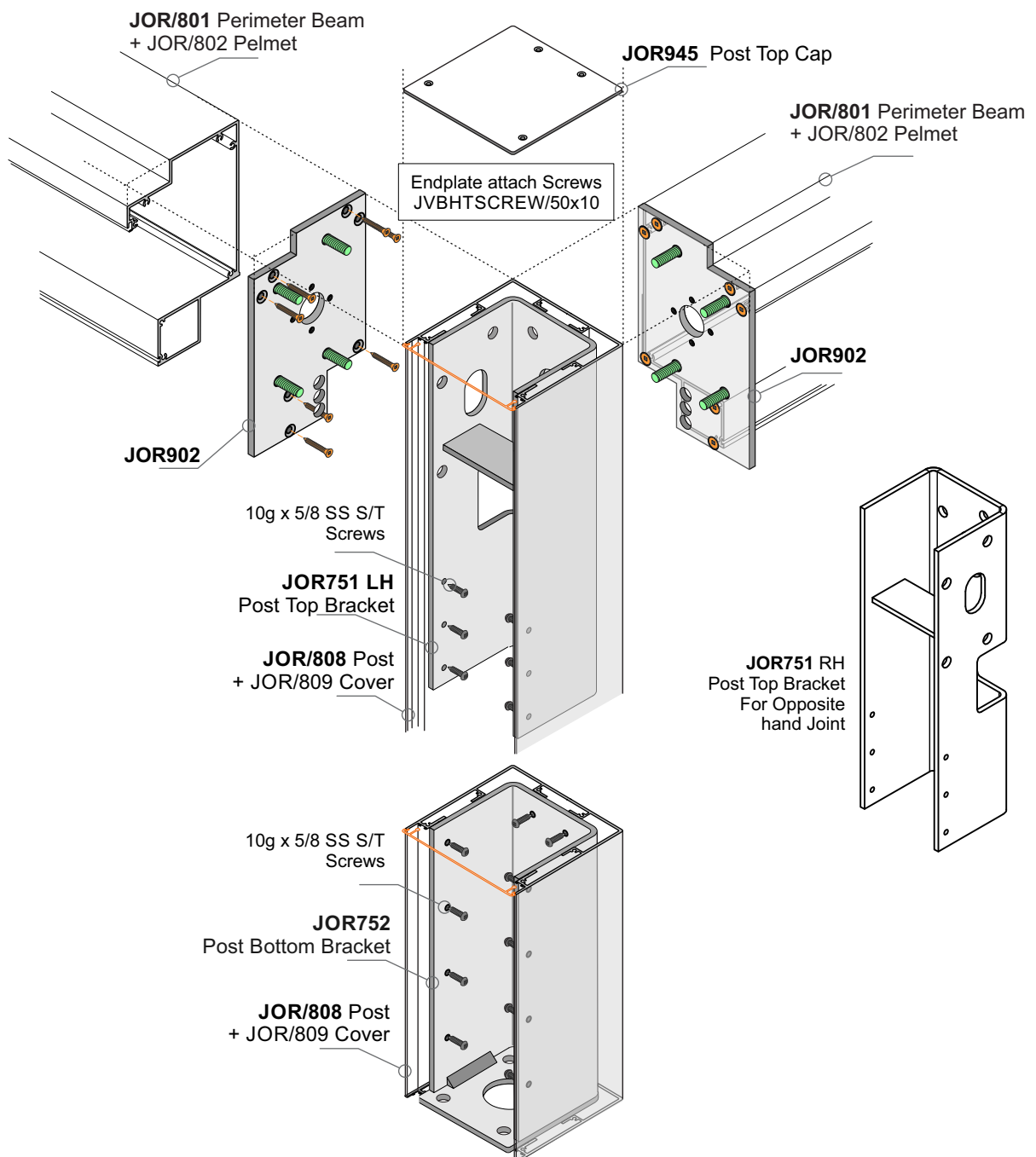




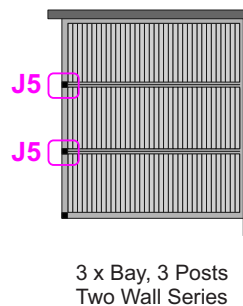
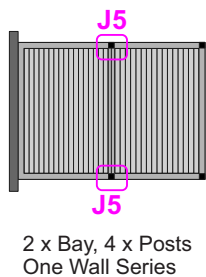
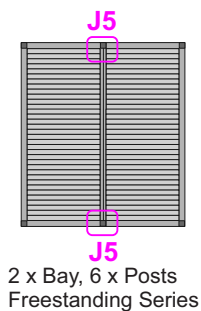
A Selection of some Layouts using Joint 4

JOINT 4

**Perimeter Beam to Perimeter Beam
at a Corner, using a Post
Can be RH or LH**



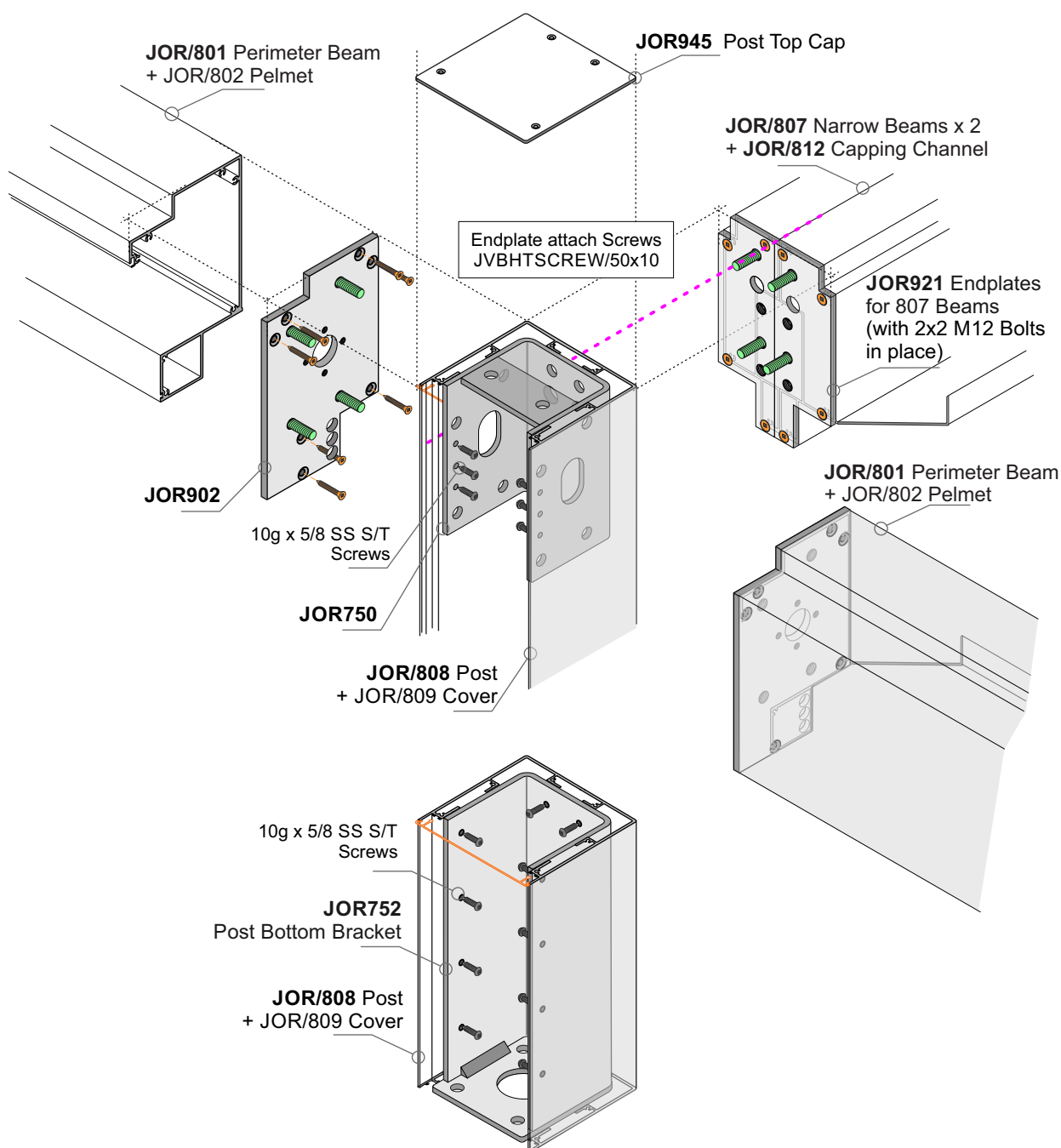
Juralco SunPivot® Outdoor Living System - Joint Assemblies



A Selection of some Layouts using Joint 5

JOINT 5

Perimeter Beams x 2
to Twin Narrow Beams (using a Post)
RH, LH Identical



JURALCO

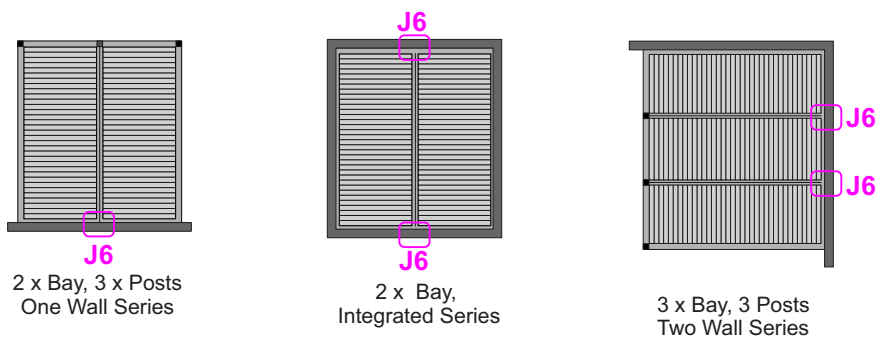
www.juralco.co.nz ph (09) 478 8018

Juralco SunPivot® Outdoor Living System

Issue 3-24 v1

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Juralco SunPivot® Outdoor Living System - Joint Assemblies

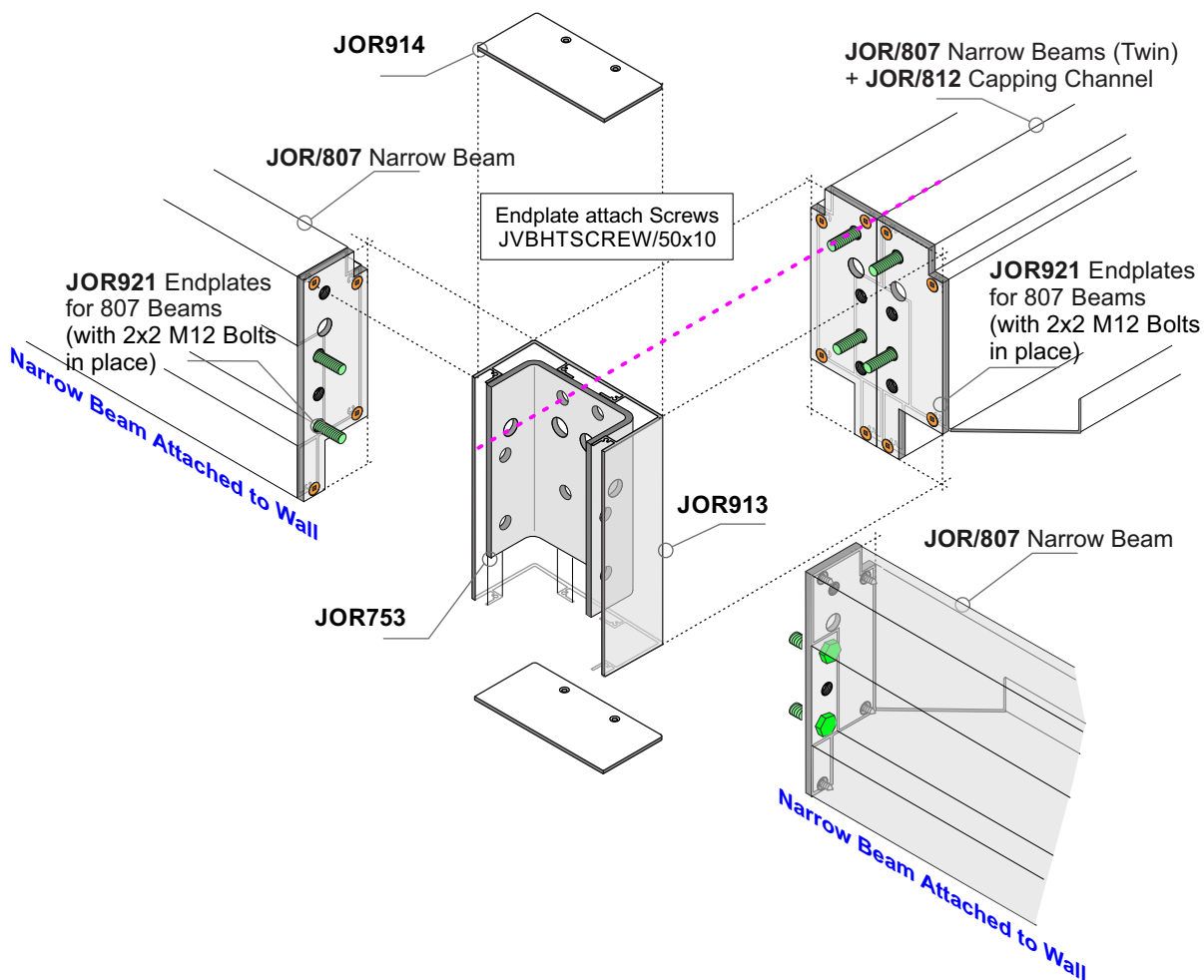


A Selection of some Layouts using Joint 6

If Point load
use Steel Bracket B
Inside both Narrow Beams

JOINT 6

Narrow Beams x 2 (Wall mounted)
to Twin Narrow Beams (No Post)
RH, LH Joints identical



JURALCO

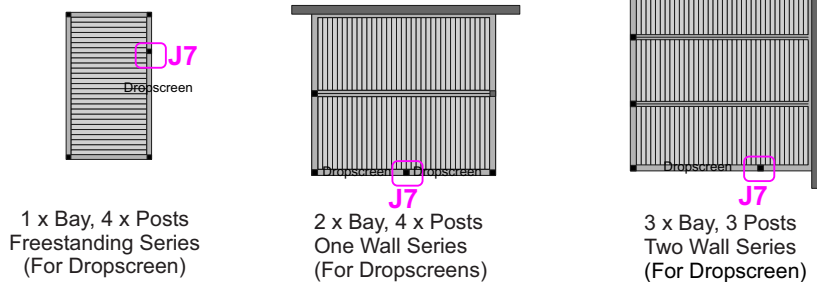
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Juralco SunPivot® Outdoor Living System

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Juralco SunPivot® Outdoor Living System - Joint Assemblies



A Selection of some Layouts using Joint 7

JOINT 7

Intermediate Post to a Perimeter Beam
as a Dropscreen Guide
RH, LH Joints identical

JOR/801 Perimeter Beam
+ JOR/802 Pelmet

JOR757
Roll Down
Screen Bracket

10g x 5/8 SS S/T
Screws

JOR750

JOR/808 Post
(with machined end)
+ JOR/809 Cover

2 x M12 x 75 bolts,
washers and Nuts

10g x 5/8 SS S/T
Screws

JOR752
Post Bottom Bracket

JOR/808 Post
+ JOR/809 Cover

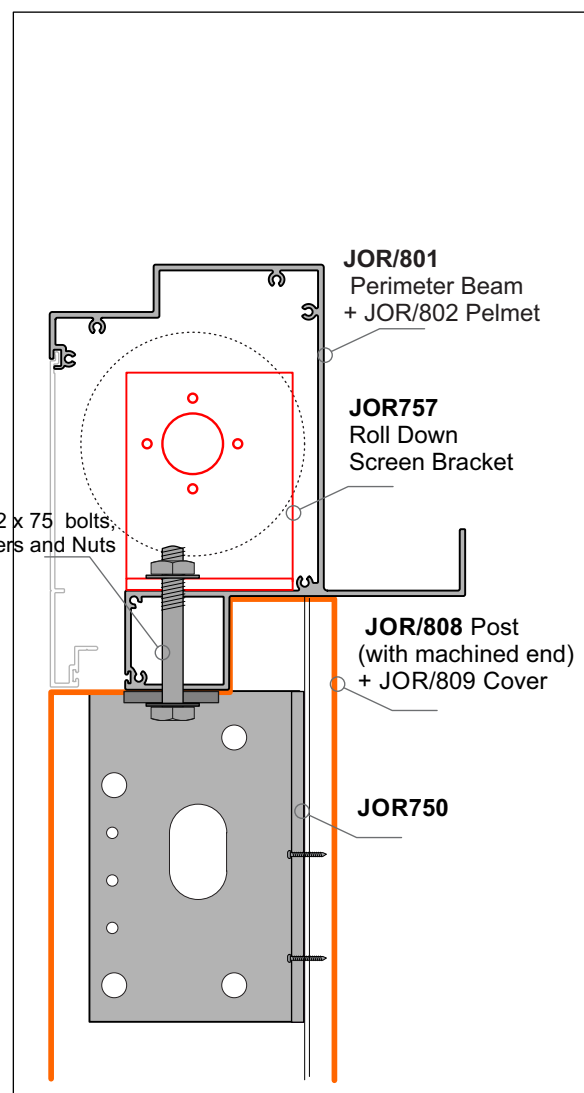
2 x M12 x 75 bolts,
washers and Nuts

JOR/801
Perimeter Beam
+ JOR/802 Pelmet

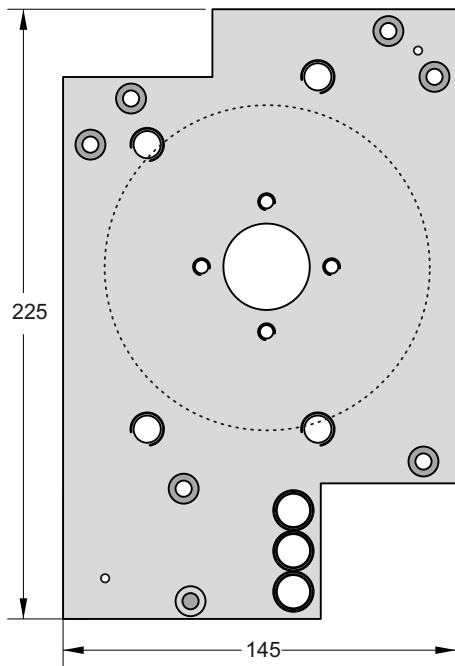
JOR757
Roll Down
Screen Bracket

JOR/808 Post
(with machined end)
+ JOR/809 Cover

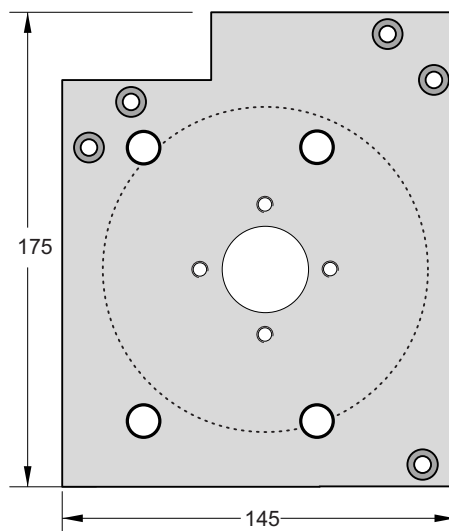
JOR750



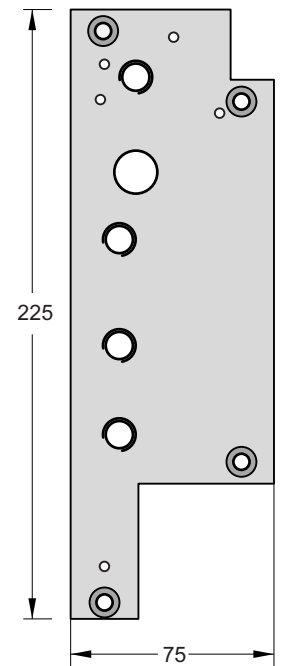
Juralco SunPivot® Outdoor Living System - Components



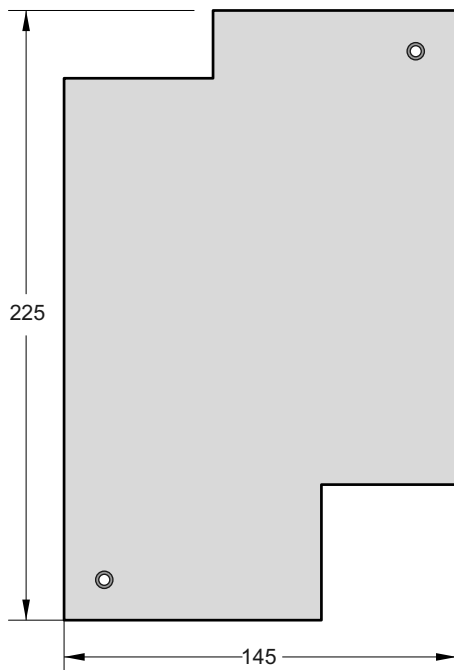
JOR902 Endplate 801 Beam



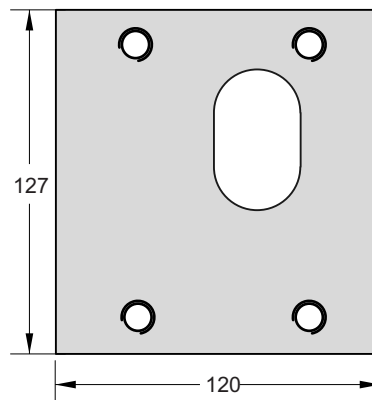
JOR931 Endplate 801- 807 Beams Joint



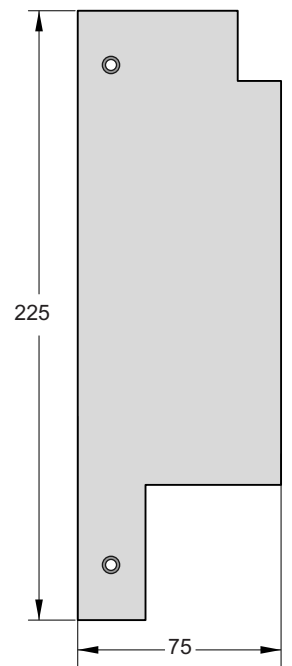
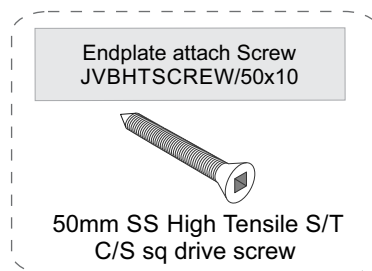
JOR921 Endplate 807 Beam



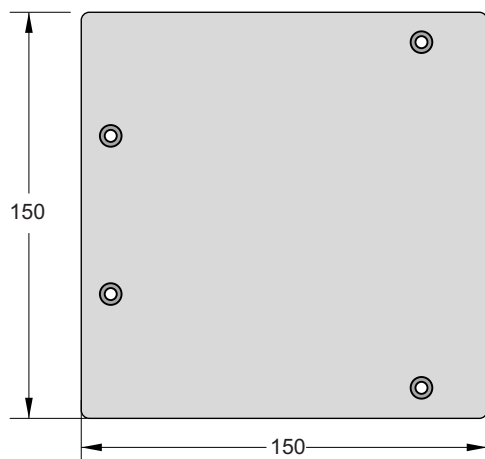
JOR972 Endplate Cover 801



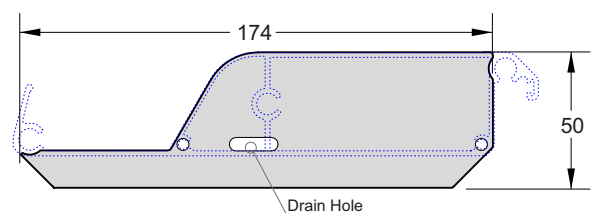
JOR971 Backplate for Beam Joints



JOR930 Endplate Cover 807

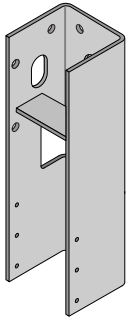


JOR945 Post Top Cap

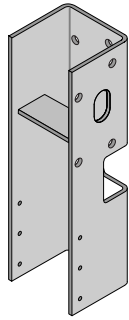


JOR611 SP Louvre End Cap

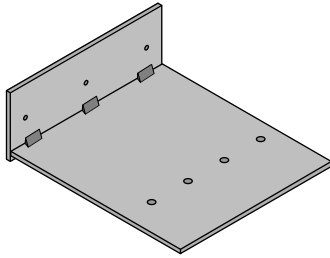
Juralco SunPivot® Outdoor Living System - Components



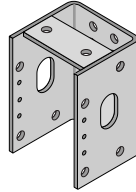
JOR751 LH
Post Top Bracket



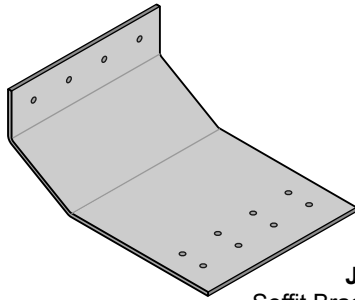
JOR751 RH
Post Top Bracket



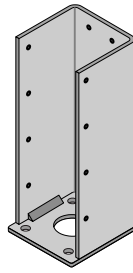
JOR708
Soffit Bracket. (Old style)



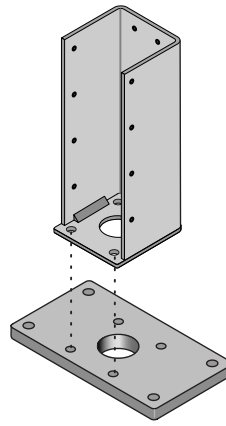
JOR750
MB Post
Top Bracket



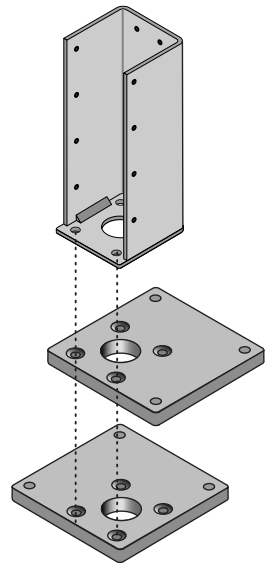
JOR710
Soffit Bracket. (New style)



JOR752
Post
Bottom Bracket

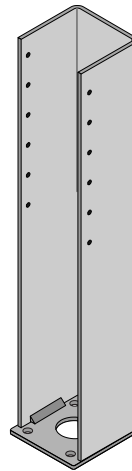


JOR755 Base plate
For JOR752 or 760 Post
150x272x12mm

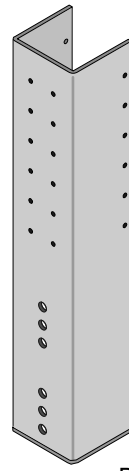


JOR756 Base plate
For JOR752 or 760 Post
211sqx12mm
(Flip base plate
for alternative fastening)

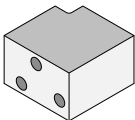
SS PS1 required
to use this Baseplate



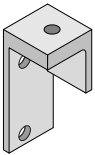
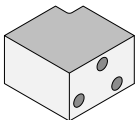
JOR760
Post
Bottom Bracket
Tall, Wide Base



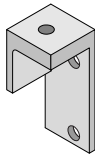
JOR923 RH
Corner Block



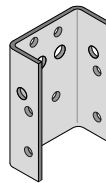
JOR923 LH
Corner Block



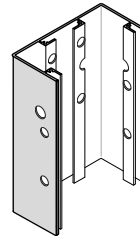
JOR927 RH
Corner Block
Mounting Angle



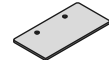
JOR927 LH
Corner Block
Mounting Angle



JOR753
Half Wall
Joiner Bracket



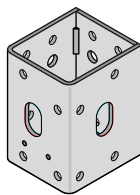
JOR913
Half Wall
Bracket Cover



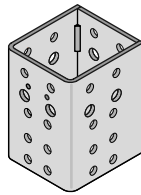
JOR914
Half End Caps

For use with all Multiple Bays joining Wall Narrow
Beams 807+807 to Twin 807 Beams running across

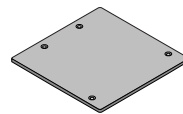
For use with
Multiple Bays
Custom
3 and 4 Bay
layouts



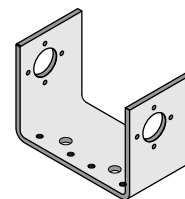
JOR758
Post Jointer Brkt
3 x Bay



JOR759
Post Jointer Brkt
4 x Bay

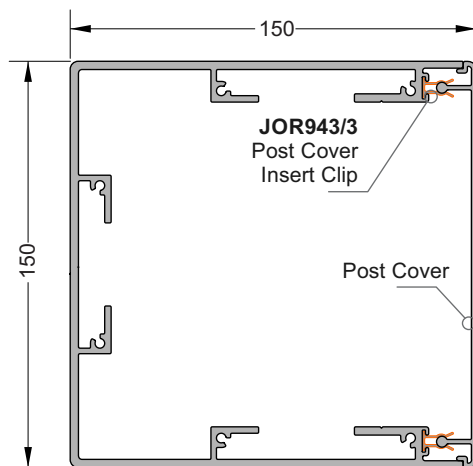
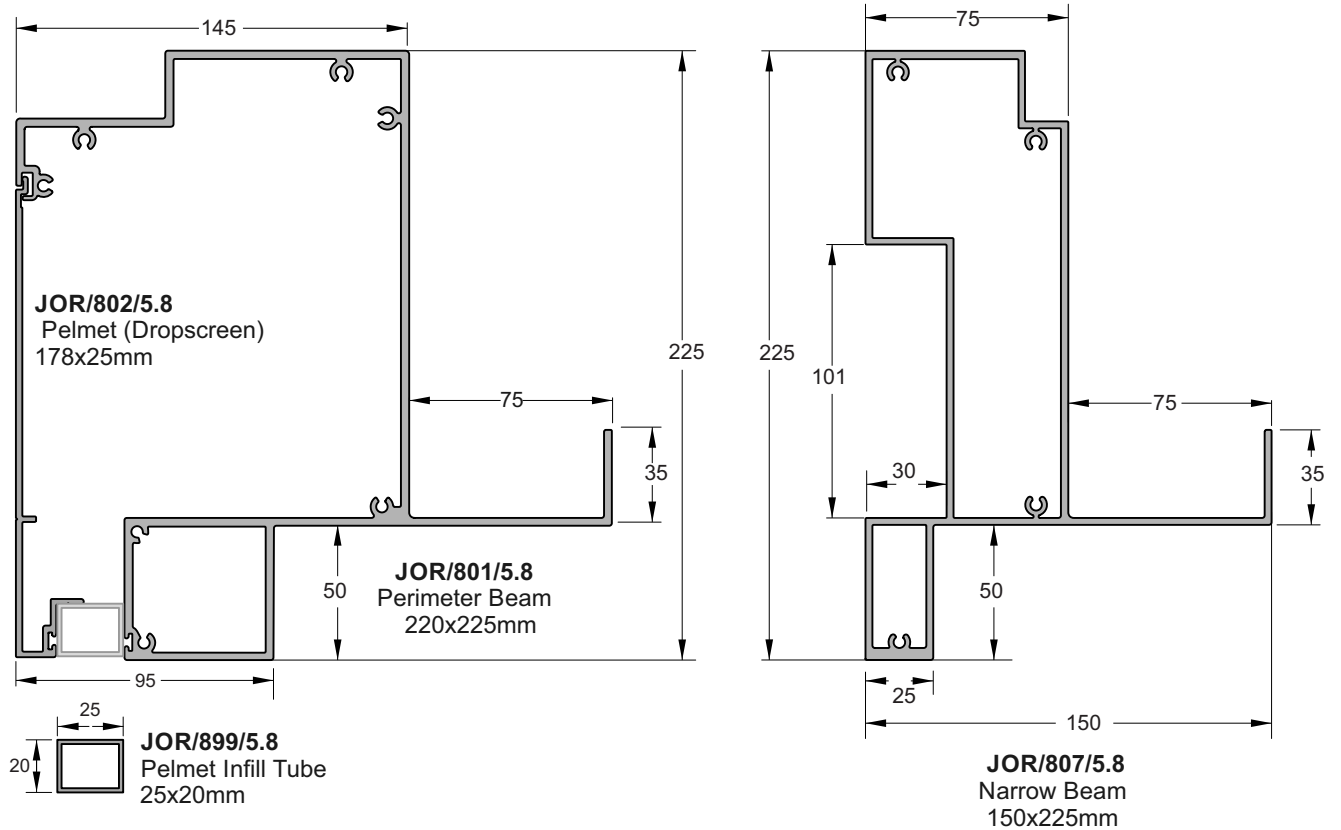


JOR945
3/4 Bay
Post Joiners
Top Cap



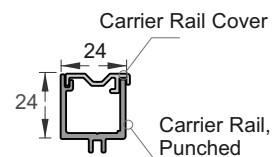
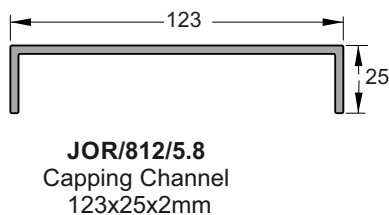
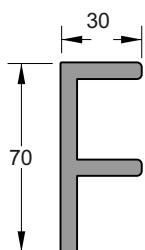
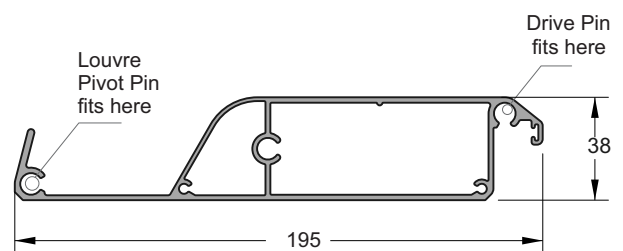
JOR757
Roll Down
Screen
Bracket

Juralco SunPivot® Outdoor Living System - Extrusions



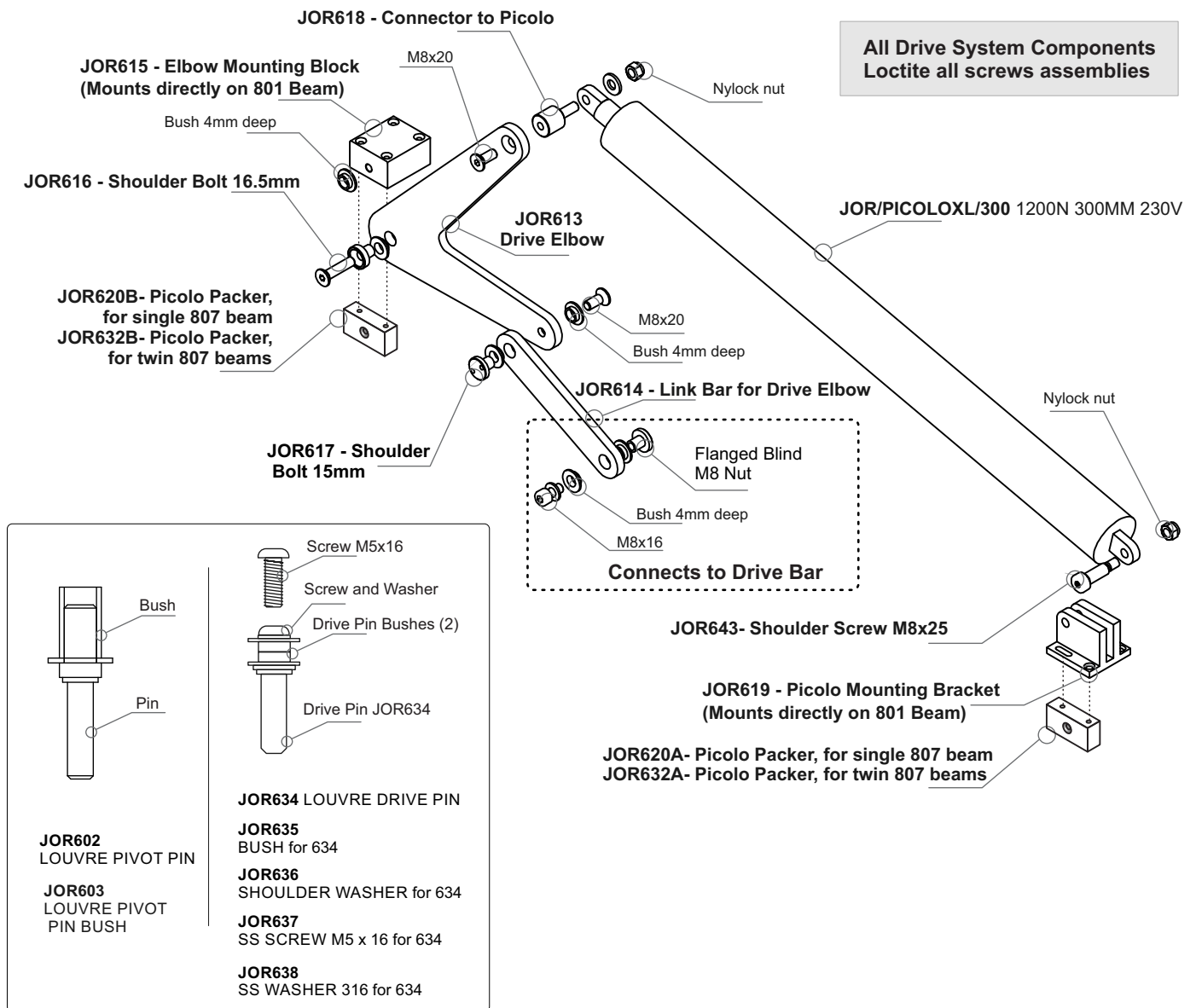
POST and COVER combined 150mm sq

JOR/808/5.5 Post 145x150mm
and **JOR/809/5.5** Post Cover 5x150mm

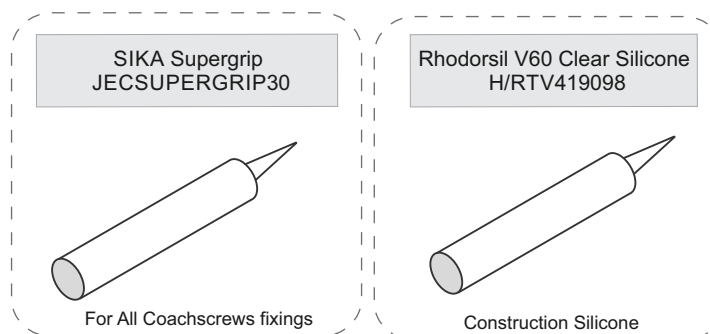


JOR/504/5.8 Carrier Rail Cover
and **JOR/503P/5.8** Carrier Rail Punched

Juralco SunPivot® Outdoor Living System - Drive System Components



Juralco SunPivot® Outdoor Living System - Misc Components



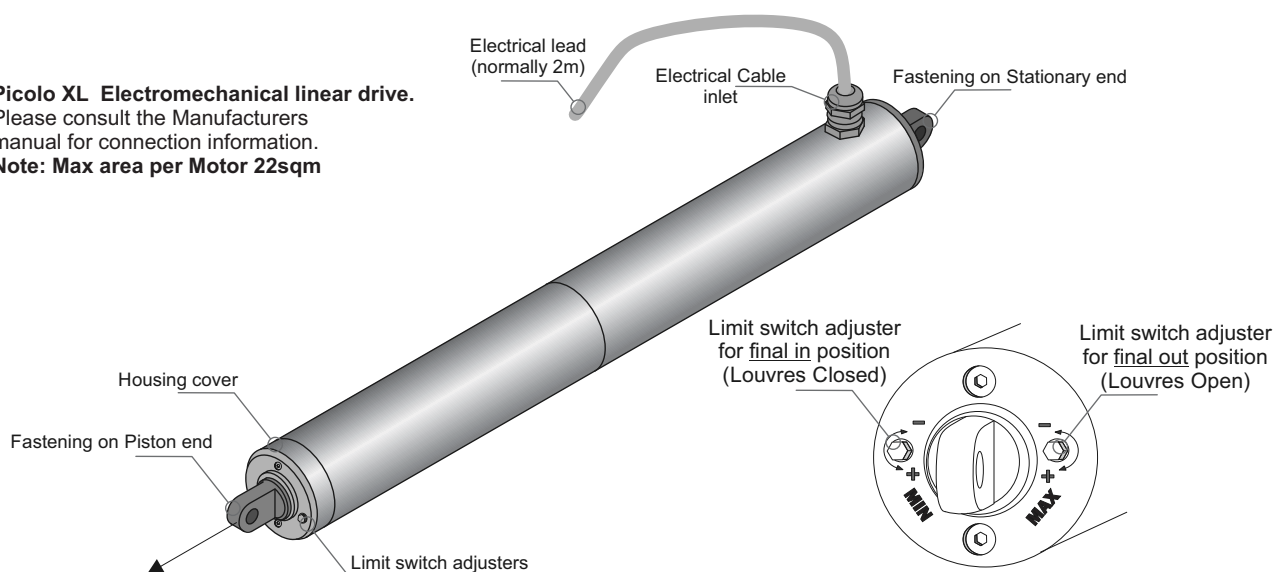
Juralco SunPivot® Outdoor Living System - Electrical, Motor Actuator

We highly recommend using the dealer's suggested electrician for the installation of our motorised louvre roofs. This ensures that the setup is done by professionals who are specifically trained and familiar with our products, reducing the risk of installation errors and ensuring optimal performance and safety.

Piccolo XL Electromechanical linear drive.

Please consult the Manufacturers manual for connection information.

Note: Max area per Motor 22sqm



- Before adjusting the limit switches, the piston rod must be moved several centimeters away from the position to be set.
- Factory setting: The limit switches have been preset to the dimensions defined in the order confirmation.

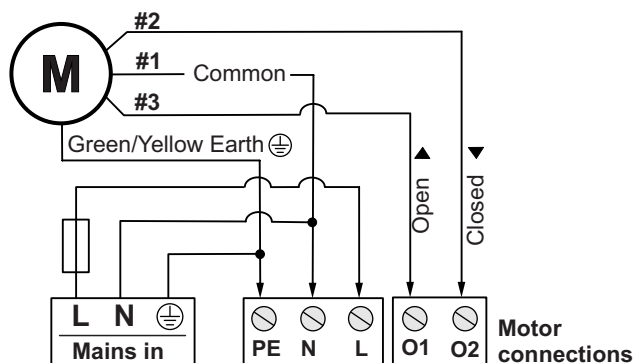
If any other dimensions are required, proceed as described below.

The two limit switch setting screws are located on the cover of the piston side of the device.

1. Move the piston rod a few centimetres away from the targeted limit switch position.
2. Adjust the limit switch (+/-).
3. Move the drive back to the limit switch.
4. Repeat the process until the desired dimension is reached.

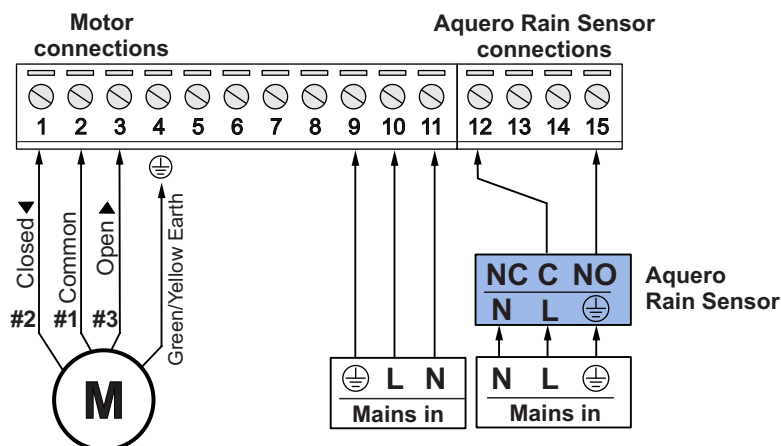
1 - No Rain sensor.

Connections to
SunFold Motor



2 - Incl Aquero Rain sensor.

Connections
for TT4 to
SunFold Motor

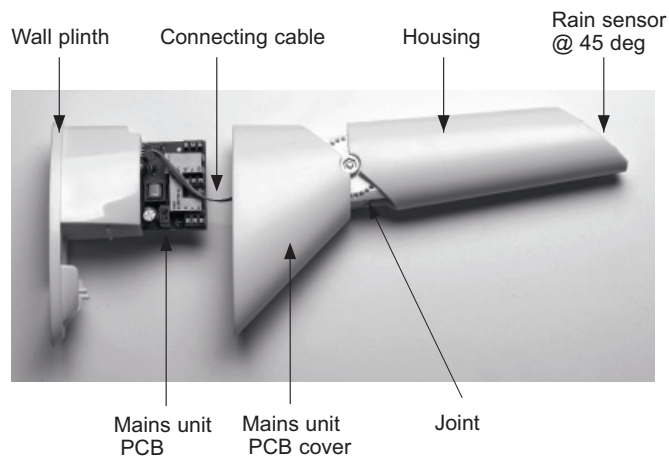


Aquero Rain Sensor

- For automatically closing Louvres at start of Rain
- For Hard wiring only to JNICE/TT4

Notes: Mount the Aquero close to the system to be protected.
Make sure that the sensor surface is completely open to rain from above.

The Housing should be set so the Rain sensor surface will be at the correct angle of approx 45°



Installation Notes.

The Rain sensor must be mounted on a Vertical wall

1. Pull the mains unit PCB cover off the Wall plinth.
2. Pull the mains unit PCB carefully out of the Wall plinth.
3. Fix the Wall plinth in the desired mounting position using the screws and dowels provided.
4. Switch off the mains voltage
5. Connect the Aquero, observing the correct wiring colours.
(See previous page)
6. Push the mains unit PCB carefully back into the Wall plinth.
Make sure that the PCB is located in the guide rail.
7. Push the mains unit PCB cover back onto the Wall plinth and screw it tight.
8. Switch on the mains voltage again.
After 2 minutes, the Aquero is ready for operation.

Nice Wireless control Centre JNICE/TT4



TT4, with built-in receiver,
for 1 motor up to 1000 W.

Wired and radio connection
to climatic sensors.

Protection class IP44.

Possibility of defining the direction of movement
(opening and closing) of the application when the
Rain sensor is activated.

Separate terminals for Open and Closed or Step-By-Step
commands.
Enabling/disabling of Stop function during the manoeuvre.

Nice Wireless Controllers.

Can be set up to control Rain and Wind Climatic Sensors, Louvre opening and DropScreen operations



BiDi Awning controller for
Wireless operations



P1 P6 P18
Portable transmitters

P1 Controls 1 system or automation group

P6 Controls 6 automation groups
for activation in single or multigroup mode

P18 Controls 18 automation groups
for activation in single or multigroup mode

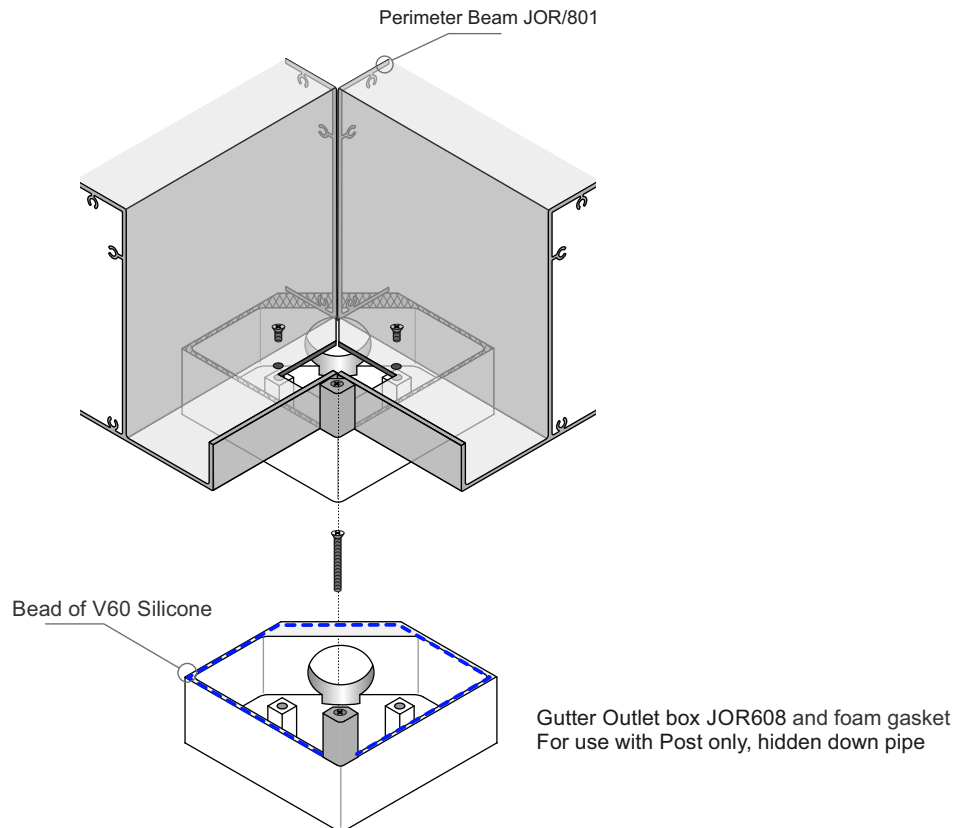


Wind Sensor for use with Dropscreens.
Threshold has 3 wind speed settings 15, 30, 45 Kph

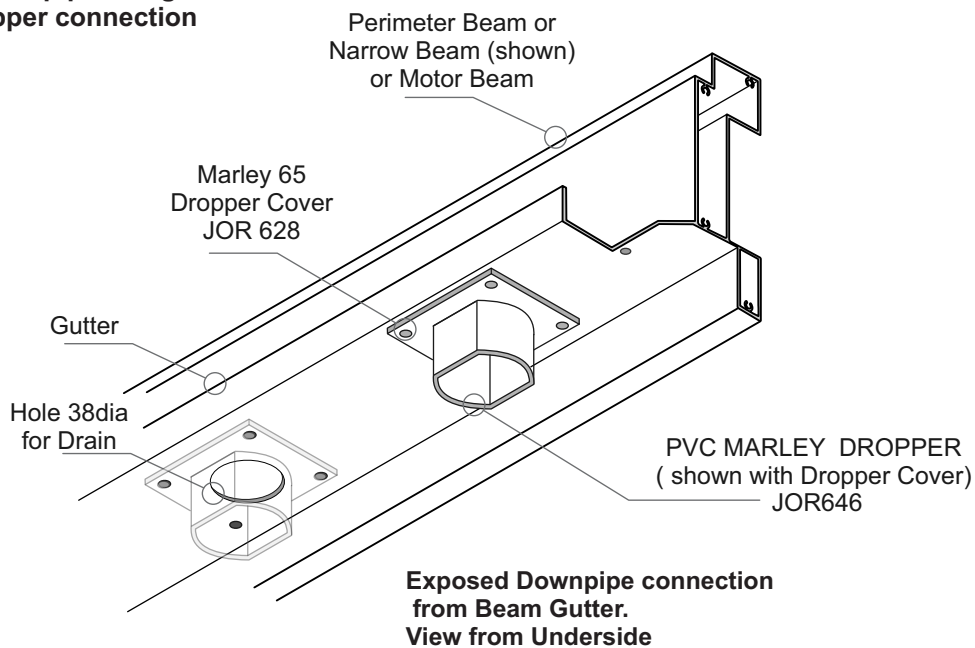
Juralco SunPivot® Living Systems - Structural - Drainage options

- The SunPivot® System is designed to capture rainfall and drain it away in a clean and controlled manner. Louvre drainage must slope towards the drainage point
- If using Posts there is a design feature to have completely hidden downpipes installed inside the post.
- Another option is to have the down pipe installed as part of a beam. The downpipe will then be visible.

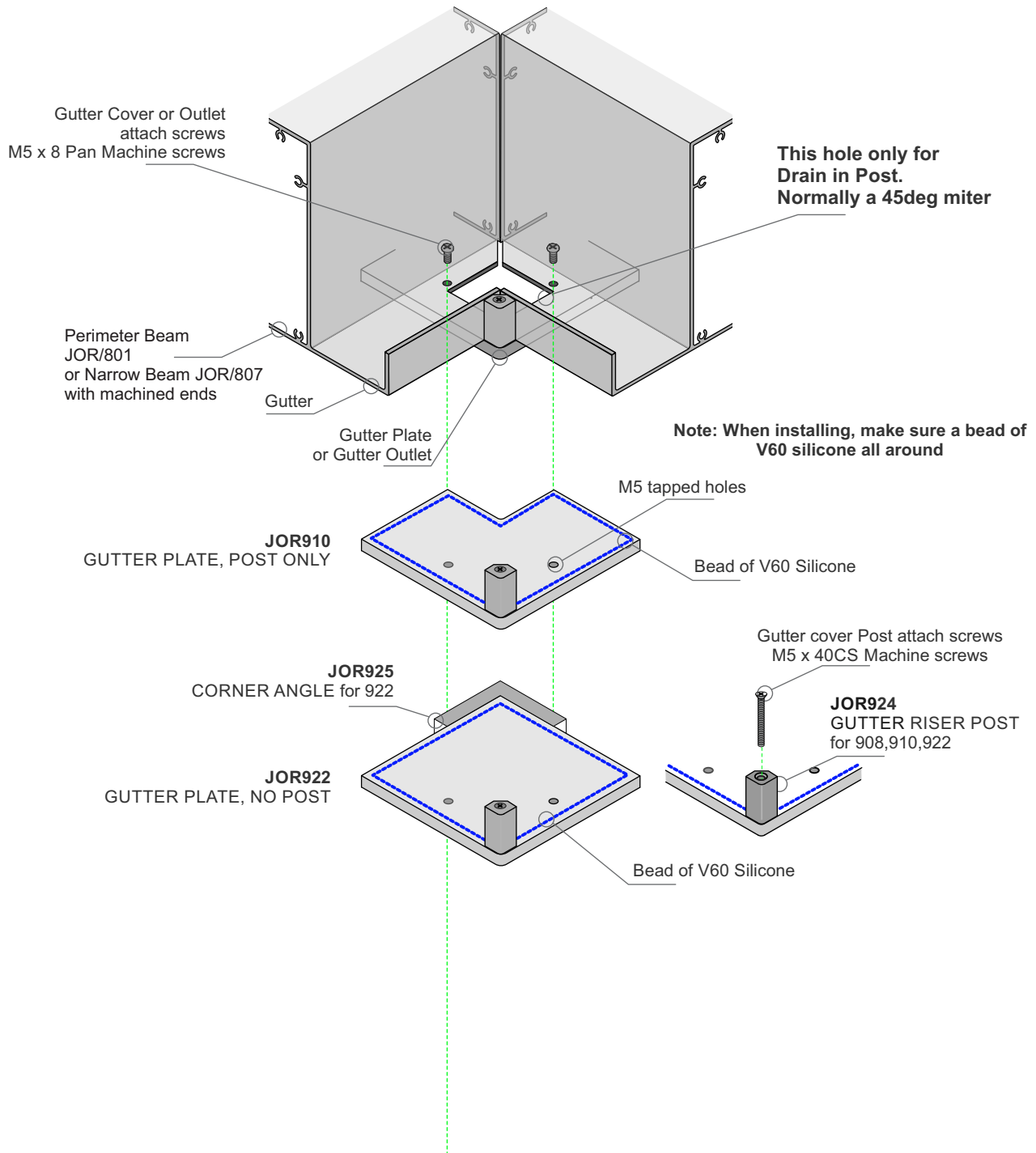
Hidden Down pipe JOR908 Gutter Box - For posts only



In Beam Down pipe using Marley Dropper connection



Gutter Bracket System - Applies to 801/801 or 801/807 Beam Junctions only



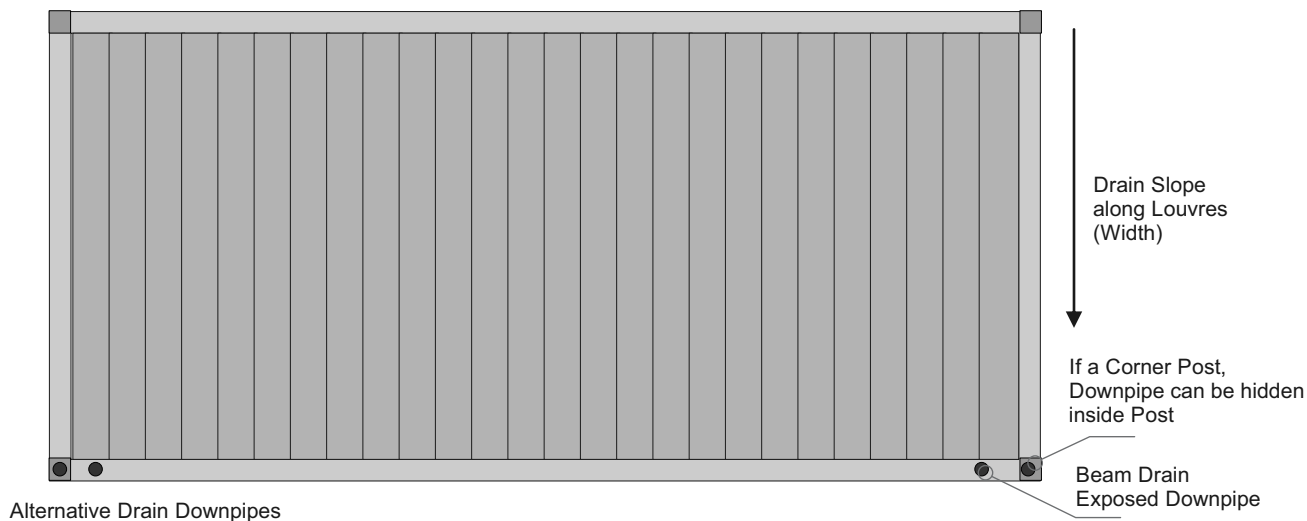
Juralco SunPivot® Outdoor Living System - Structural - Drainage Setouts

As the SunPivot® system is designed to drain rainfall away in a controlled manner. It is essential to pre plan drainage options.

The Frame is installed with slight slopes, the louvres are also sloped to channel rain into the side Gutters.

The generally accepted figure for a drainage slope for this system is a minimum of 1 deg. However on the longer dimensions this will give unacceptable height variations: reduce slope to 0.75 deg. To keep a side level, especially against a house, provide extra drains. It is very important that the client is reminded to keep the gutter clear of debris and leaves.

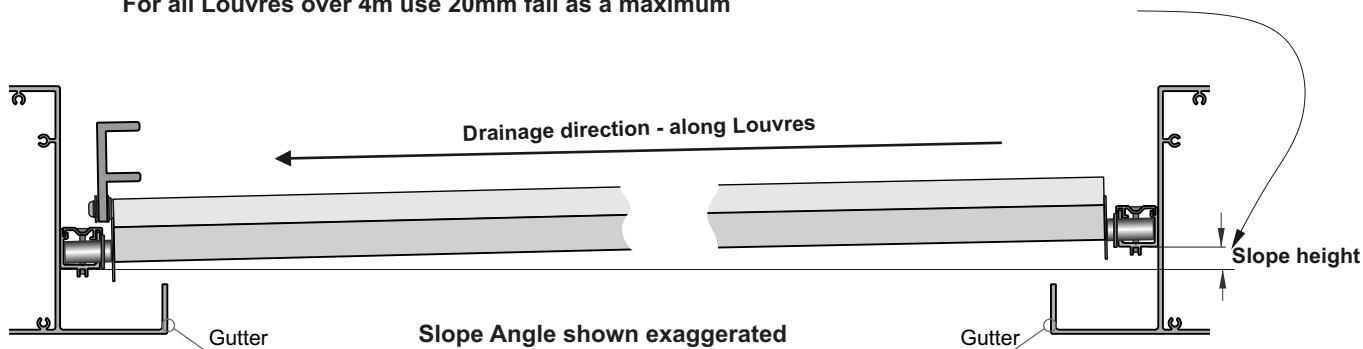
Keep the louvres closed at all times when not in use.



Slope Heights

For Louvres up to 1m, use 5mm fall. Then +1mm for every +200mm width up to 4m = 20mm fall

For all Louvres over 4m use 20mm fall as a maximum



Powder Coating Installation Care

Warning re use of solvents:

- In some cases strong solvents are recommended for thinning various types of paints and also for cleaning up mastics and sealants.
- These can be harmful to the extended life of the powder coated surface, and must not be used for cleaning purposes.
- It is important to note that the damage will not be visible immediately and may take up to 12 months to develop.

If paint splashes or sealants and mastics need to be removed then the following may be safely used:
Methylated Spirits, Ethyl Alcohol, Isopropanol or preferably a mild detergent in warm water.

Joinery Protection during Installation:

All the activity on a construction site means that your powder coated items may get knocked or scratched, splattered with mortar, plaster, textured coating or paint during the later stages of construction.

Please ensure that all powder coated articles are masked or covered at this time. It is far easier to prevent accidents than to try and correct them.

Should your joinery receive mortar or paint splashes see that these are removed before cure and follow the instructions contained in this brochure.

Typical sticker used to warn other trades of the need to protect and mask off powder coated joinery (applies to anodised joinery also)

"IMPORTANT ALL TRADES"
This valuable aluminium joinery will suffer permanent damage from: plaster, mortar and paint splashes - Protect if splashes occur - Immediately wash down joinery with water or meths - Do not allow splashes to harden! ~ Do not use solvents! - Do not remove this label until final clean completed.

This photograph displays damage that has occurred on site, post installation. The photo of the masked joinery displays clear signs of damage that could have occurred were it not masked. Please ensure that your joinery is protected right through the entire construction process.



Powder Coating Maintenance

External - Maintenance Program:

To extend the life of external powder coated articles and to comply with warranty requirements for powder coated aluminium joinery, a simple, regular maintenance program must be implemented.

The effects of ultra violet light, atmospheric pollution, dirt, grime and airborne salt deposits will all accumulate over time and must be removed or surface staining and weathering will occur, leading to an unsightly appearance.

For external coatings, cleaning should take place every six months. In areas where pollutants are more prevalent, such as beachfront houses and industrial or geothermal areas, then a cleaning program should be carried out on a more frequent basis ie. every one to three months.

Cleaning your powder coating:

1. Carefully remove any loose surface deposits with a wet sponge.
2. Use a soft brush (non abrasive) and a mild household detergent (do not use solvents) in warm water, remove dust, salt and other deposits.
3. Rinse off with clean fresh water.



Restoring weathered or scratched surfaces:

Repair of Scuffed or Scratched surfaces
Dulux Spray Cans are available in all colour card colours.

Repair of Small Scratches or Chips.
Dulux Dabsticks are ideally suited for the repair of small scratches.
Dabsticks may not be available in all colour card colours.

Repair of Weathered areas .
Dulux Gloss Up is a light to medium cutting cream ideally suited for gloss restoration and has been specifically designed for this purpose.
Gloss Up contains no waxes or silicone and is a one step system.



Contact Dulux Powder Coatings , ph 0064 9 441 8244

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