

Platinum Stub Post Typical Setouts

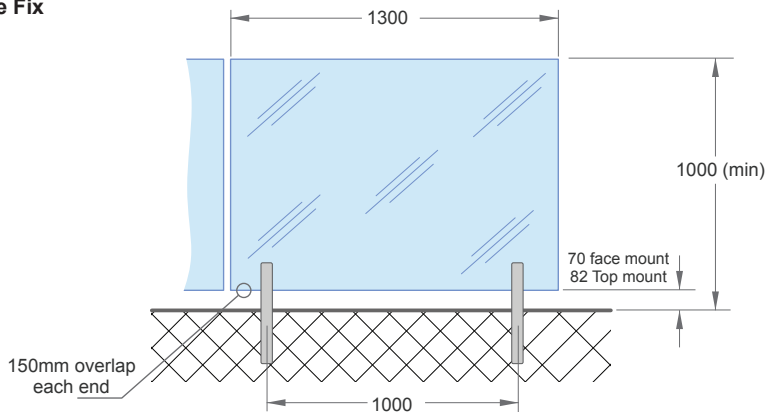
2 x Stub Posts
per Panel

**Applies to Base Fix
& Side Fix**

**Typical panel shown.
See individual fixing details for
other panel/height options**

Platinum Stub Post Balustrade
for Residential Occupancy
types A, B, E and C3

For 12mm Toughened Glass only,
minimum strength 100mpa



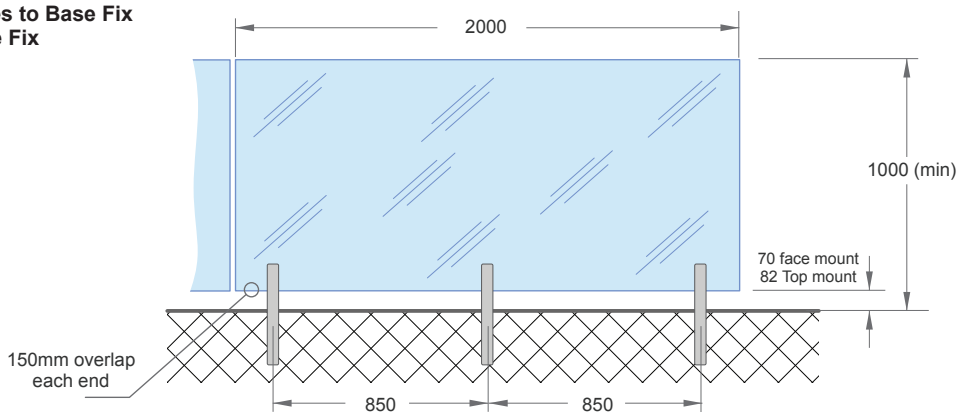
3 x Stub Posts
per Panel

**Applies to Base Fix
& Side Fix**

**Typical panel shown.
See individual fixing details for
other panel/height options**

Platinum Stub Post Balustrade
for Residential Occupancy
types A, B, E and C3

For 12mm Toughened Glass only,
minimum strength 100mpa



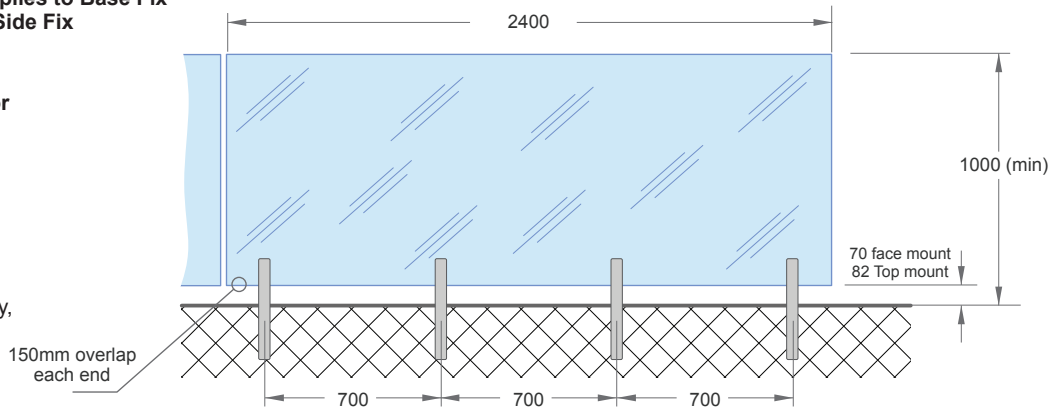
4 x Stub Posts
per Panel

**Applies to Base Fix
& Side Fix**

**Typical panel shown.
See individual fixing details for
other panel/height options**

Platinum Stub Post Balustrade
for Residential Occupancy
types A, B, E and C3

For 12mm Toughened Glass only,
minimum strength 100mpa



2 x Stub Posts
per Panel

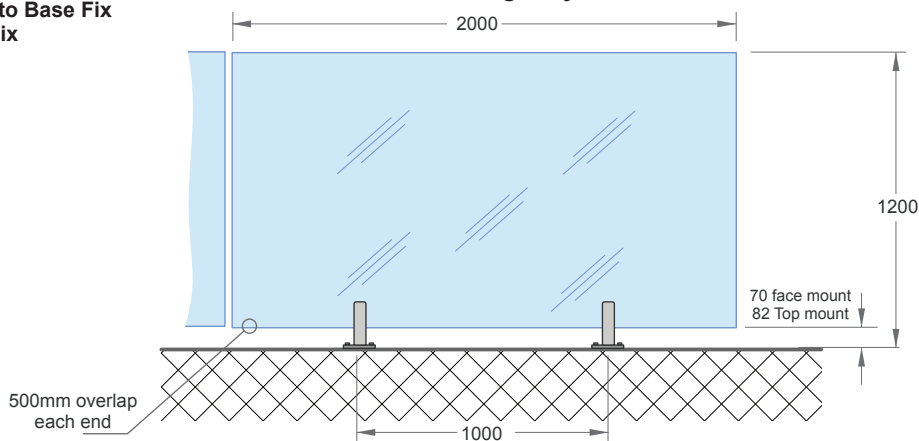
**Applies to Base Fix
& Side Fix**

**Platinum Stub Post Balustrade
Pool Fencing only**

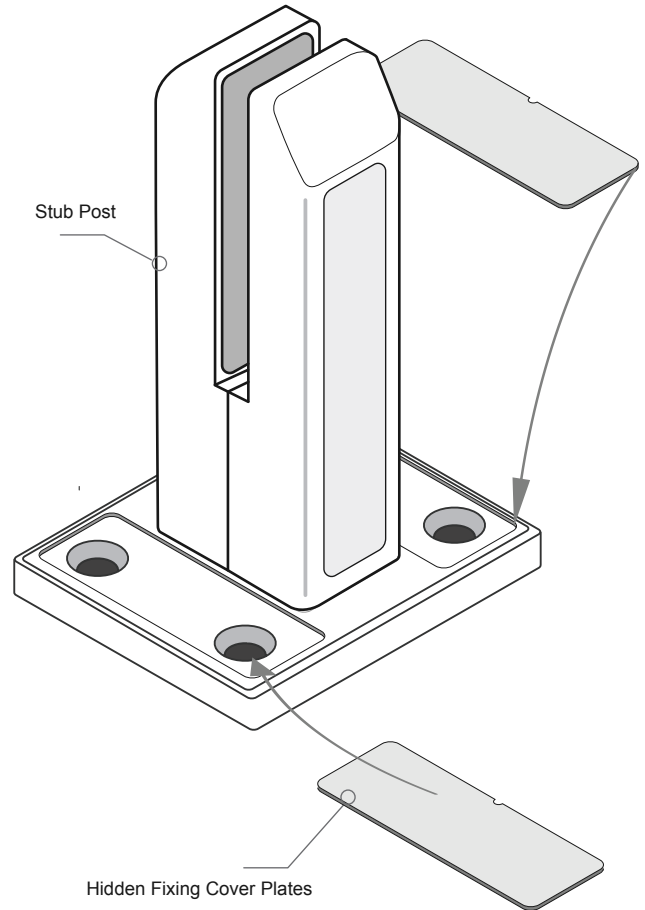
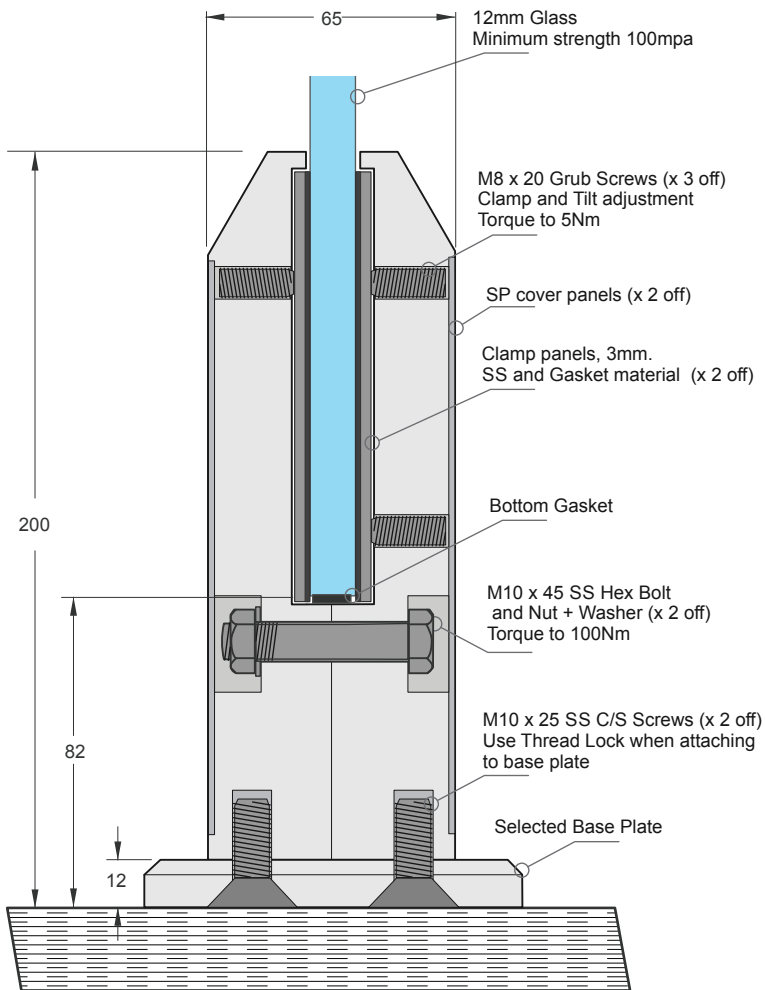
For 12mm Toughened Glass only,
minimum strength 100mpa

Conforms to FOSP Act 1987

Pool Fencing Only



Platinum PLS-200 Base Fix Stub Post Balustrade System

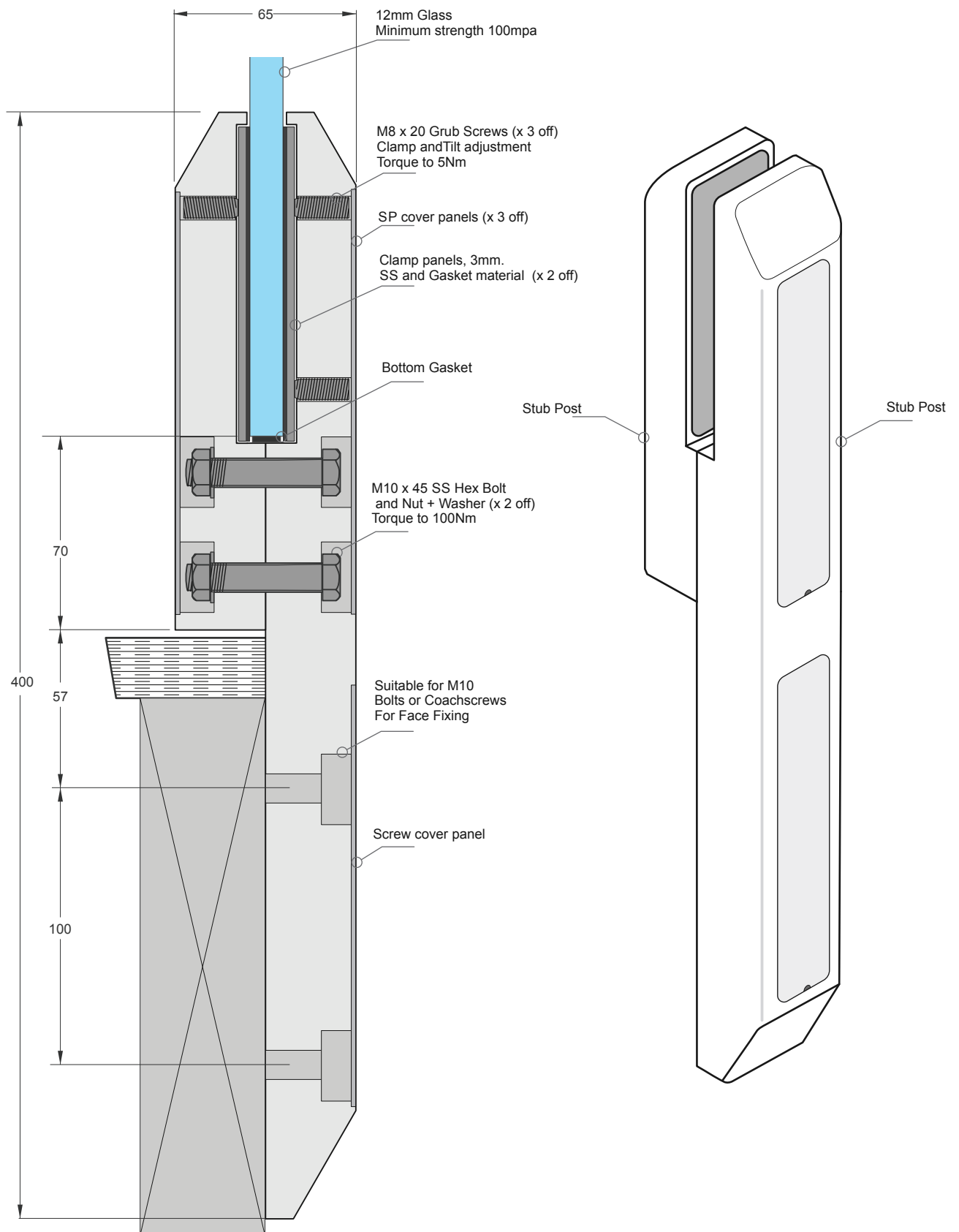


Elevation showing the Main Features
For a Base Fix Bracket

Notes:

- 1 - Clamp panels, 3mm. SS and Gasket material . Held in place with JMF/X03 Double sided tape
- 2 - Glass Clamping - Tighten bottom grubscrew first, then two top screws. Do not over tighten, see max torque 5Nm.
- 2 - Stub Post Cover Panels . Held in place with JMF/X02 Double sided tape

Platinum PLS-400 Side Fix Stub Post Balustrade System



Elevation showing the Main Features
For a Side Fix Bracket

Notes:

- 1 - Clamp panels, 3mm. SS and Gasket material . Held in place with JMF/X03 Double sided tape
- 2 - Glass Clamping - Tighten bottom grubscrew first, then two top screws. Do not over tighten, see max torque 5Nm.
- 2 - SP Cover Panels . Held in place with JMF/X02 Double sided tape

Platinum Stub Post - PLB-200 Base Fix Stub Post Timber Fixing
Complies with NZS3604:2011 - Double Boundary Joists

Typical BASE Fix to Timber - JET 305 120mm x 100mm, 4 hole Base Plate - M10 C/S Coachscrews

Occupancy A, B, E and C3 only				
Hidden Top Fixed with 4 x M10 C/S Coach screws into Timber	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends
	1000	1300	1000	150
	1100	1250	950	150
	1200	1200	900	150

A Design engineer must ensure deck can support appropriate load applied at each post

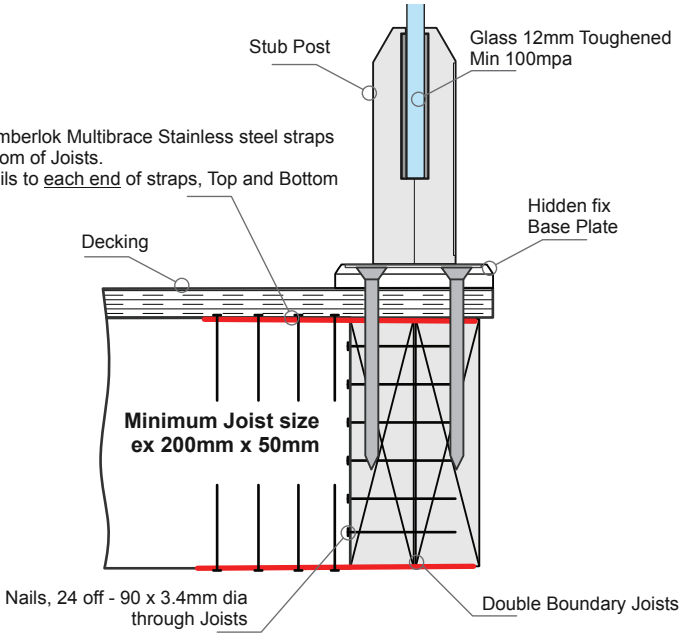
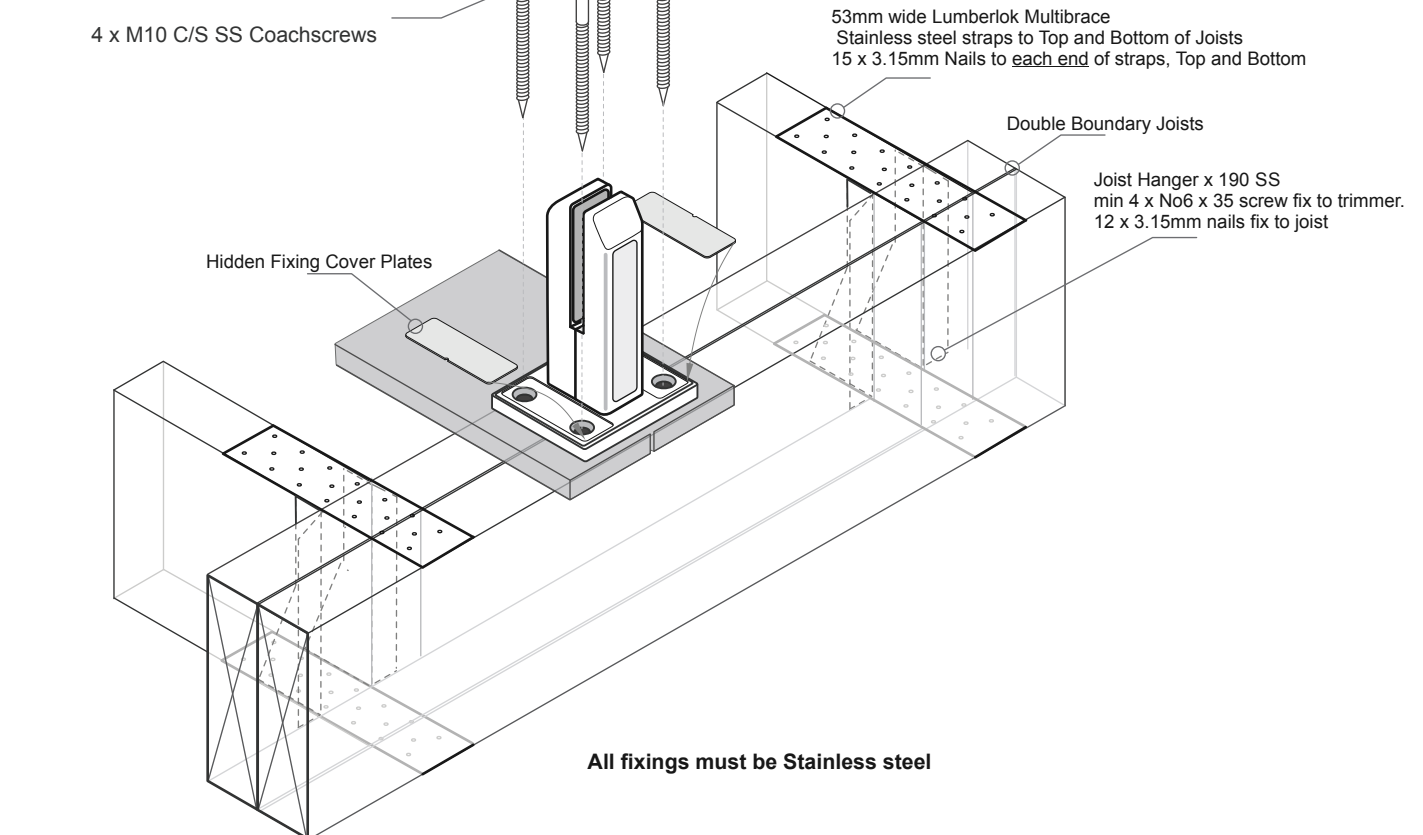
Occupancy A, B, E and C3 only				
Hidden Top Fixed with 4 x M10 C/S Coach screws into Timber	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 3 per Panel	Ends
	1000	2000	850	150
	1100	1900	800	150
	1200	1800	750	150

Occupancy A, B, E and C3 only				
Hidden Top Fixed with 4 x M10 C/S Coach screws into Timber	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 4 per Panel	Ends
	1000	2400	700	150
	1100	2250	650	150
	1200	2100	600	150

Pool Fence only			
Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends max
1200	2000	1000	500

Exceeds the wind loading for all Wind Zones up to Very High for 1000 mm high panels and High for 1100mm and 1200mm high panels.

Where balustrades extend to the corner of buildings in High and Very High Wind Zones use a pair of Mini Posts 100 mm either side of the first 2 post positions adjacent to the corner.



Coachscrews 100mm min engagement into joists
Bond all coachscrews with SIKA Supergrip to full depth.

PLB-200 Base Fix Stub Post Concrete Fixing

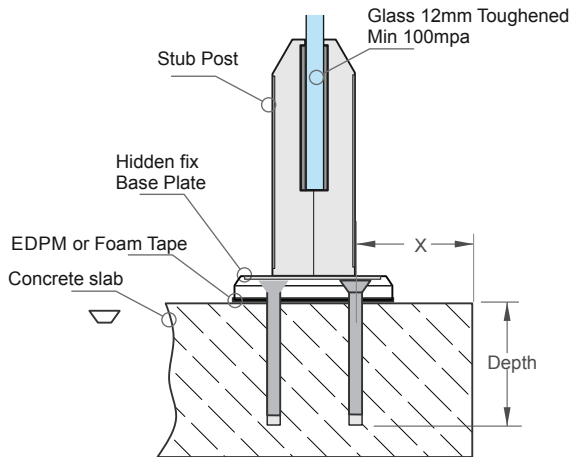
Typical BASE Fix to Concrete - JET 305 - 120mm x 100mm, 4 hole Base Plate - M10 C/S Screws

Occupancy A, B, E and C3 only				
Hidden Top Fixed with 4 x M10 C/S Screws into Concrete	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends
	1000	1300	1000	150
	1100	1250	950	150
	1200	1200	900	150

Occupancy A, B, E and C3 only				
Hidden Top Fixed with 4 x M10 C/S Screws into Concrete	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 3 per Panel	Ends
	1000	2000	850	150
	1100	1900	800	150
	1200	1800	750	150

Occupancy A, B, E and C3 only				
Hidden Top Fixed with 4 x M10 C/S Screws into Concrete	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 4 per Panel	Ends
	1000	2400	700	150
	1100	2250	650	150
	1200	2100	600	150

Pool Fence only				
Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends max	
1200	2000	1000	500	



Base Plate JEC 305	X (min)	Depth (min)
4 off M10 x 120 CSK Sleeve anchors stainless steel CSM-120	90mm	115mm

Base Plate JEC 305	X (min)	Depth (min)
4 off M8 x 80 C/S Concrete Bolt with Carbide Tip DYCB6C08080. (Pool Fencing Only - not for balustrade)	90mm	75mm

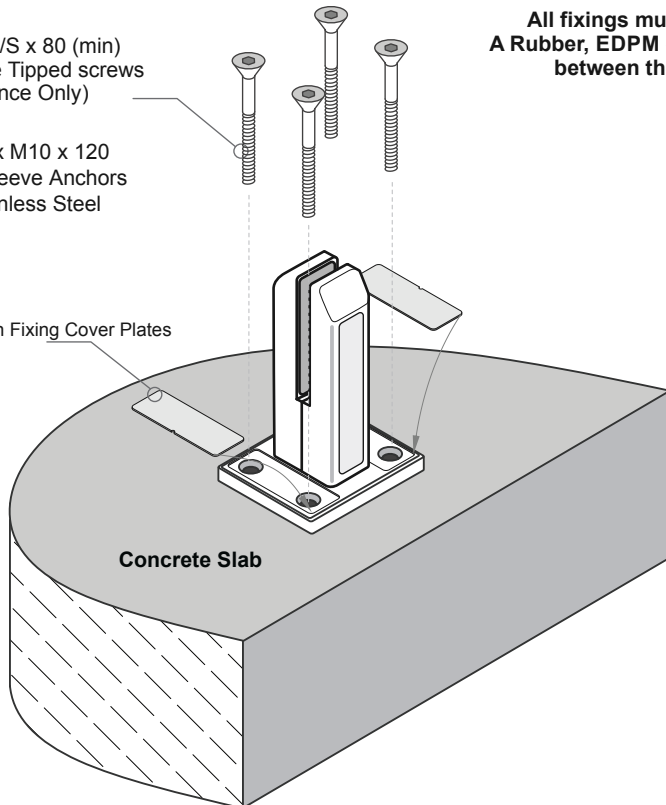
Exceeds the wind loading for all Wind Zones up to Very High for 1000 mm high panels and High for 1100mm and 1200mm high panels.

Where balustrades extend to the corner of buildings in High and Very High Wind Zones use a pair of Mini Posts 100 mm either side of the first 2 post positions adjacent to the corner.

4 x M8 C/S x 80 (min) SS Carbide Tipped screws (Pool Fence Only)

Or 4 x M10 x 120 CSK Sleeve Anchors Stainless Steel

Hidden Fixing Cover Plates



**All fixings must engage into the structural slab
A Rubber, EDPM or Foam Tape layer must be installed between the Baseplate and Concrete slab**

All fixings must be Stainless steel

Platinum Stub Post - PLB-200 Base Fix Stub Post Steel Fixing

Typical BASE Fix to Timber on Steel - JET 321 120mm x 80mm, 4 hole Base Plate - M10 Bolts

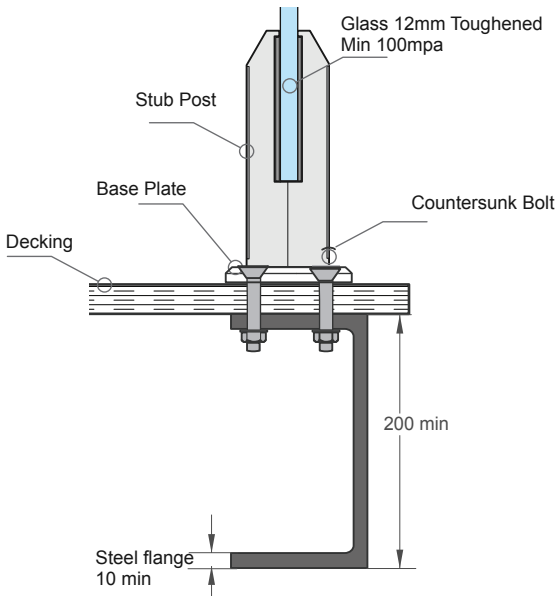
Occupancy A, B, E and C3 only				
Top Fixed with 4 x M10 Bolts into Timber Deck on a Steel structure	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends
	1000	1300	1000	150
	1100	1250	950	150
	1200	1200	900	150

A Design engineer must ensure deck can support appropriate load applied at each post

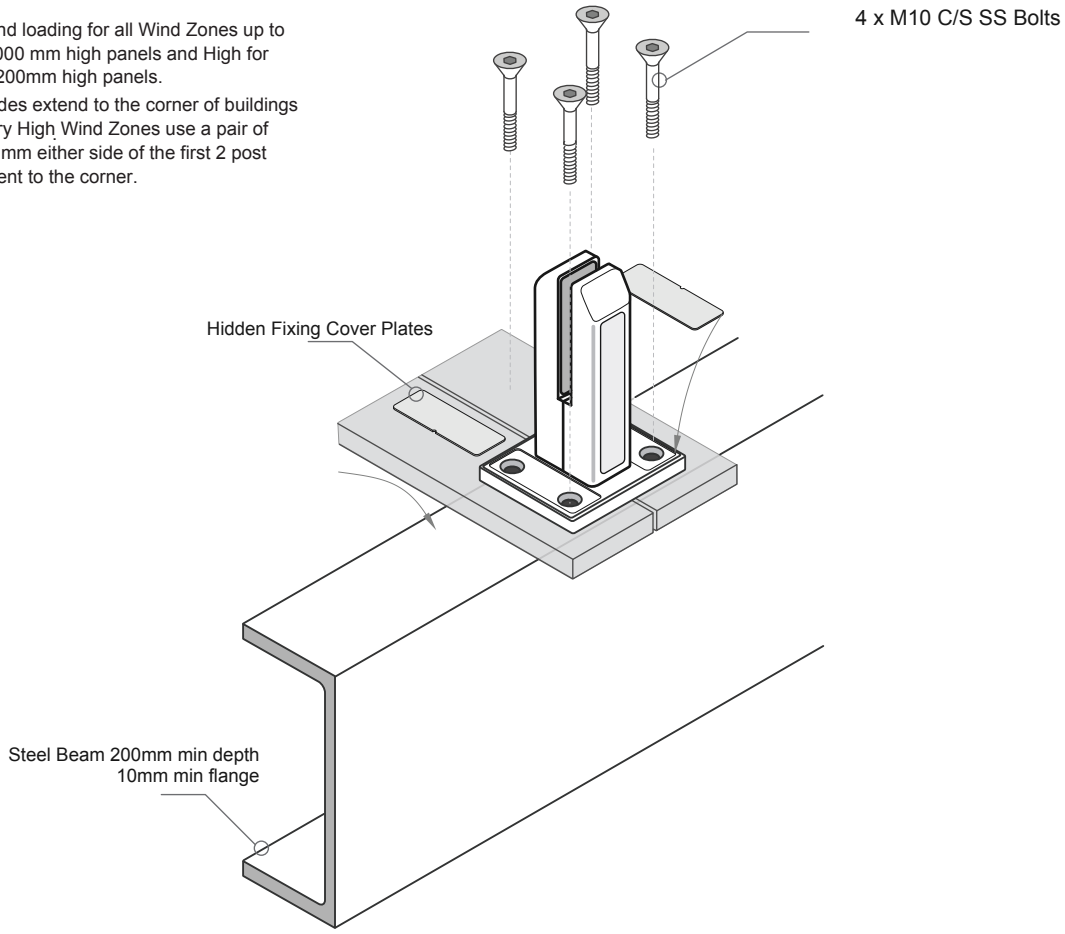
Occupancy A, B, E and C3 only				
Top Fixed with 4 x M10 Bolts into Timber Deck on a Steel structure	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 3 per Panel	Ends
	1000	2000	850	150
	1100	1900	800	150
	1200	1800	750	150

Occupancy A, B, E and C3 only				
Top Fixed with 4 x M10 Bolts into Timber Deck on a Steel structure	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 4 per Panel	Ends
	1000	2400	700	150
	1100	2250	650	150
	1200	2100	600	150

Pool Fence only				
Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends max	
1200	2000	1000	500	



Exceeds the wind loading for all Wind Zones up to Very High for 1000 mm high panels and High for 1100mm and 1200mm high panels.
 Where balustrades extend to the corner of buildings in High and Very High Wind Zones use a pair of Mini Posts 100 mm either side of the first 2 post positions adjacent to the corner.



All fixings must be Stainless steel

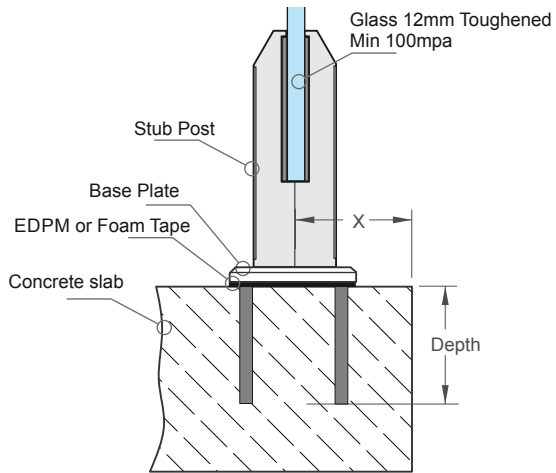
Typical HIDDEN BASE Fix to Concrete -JET 304 100mm x 100mm, 4 x M10 Studs Base Plate

A Design engineer must ensure deck can support appropriate load applied at each post

Occupancy A, B, E and C3 only				
Top Fixed with 4 x M10 Hidden Studs into Concrete	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends
	1000	1300	1000	150
	1100	1250	950	150
	1200	1200	900	150

Occupancy A, B, E and C3 only				
Top Fixed with 4 x M10 Hidden Studs into Concrete	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 3 per Panel	Ends
	1000	2000	850	150
	1100	1900	800	150
	1200	1800	750	150

Occupancy A, B, E and C3 only				
Top Fixed with 4 x M10 Hidden Studs into Concrete	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 4 per Panel	Ends
	1000	2400	700	150
	1100	2250	650	150
	1200	2100	600	150

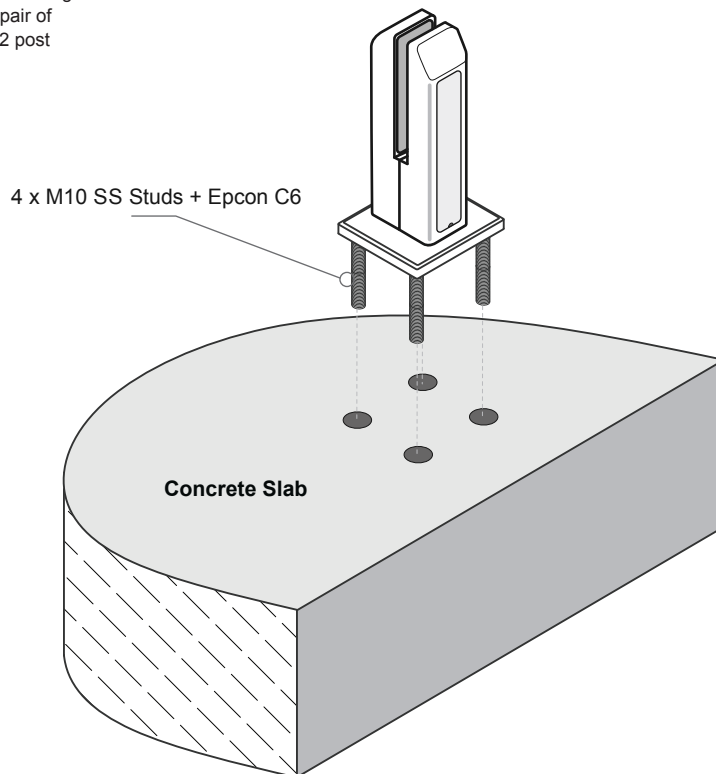


Base Plate JET 304	X (min)	Depth (min)
4 off M10 SS Studs + Epcon C6	35mm	90mm

**All fixings must engage into the structural slab
A Rubber, EDPM or Foam tape layer must be installed
between the Baseplate and Concrete slab**

Exceeds the wind loading for all Wind Zones up to Very High for 1000 mm high panels and High for 1100mm and 1200mm high panels.

Where balustrades extend to the corner of buildings in High and Very High Wind Zones use a pair of Mini Posts 100 mm either side of the first 2 post positions adjacent to the corner.



All fixings must be Stainless steel

Typical SIDE Fix Post to Timber - Coachscrews

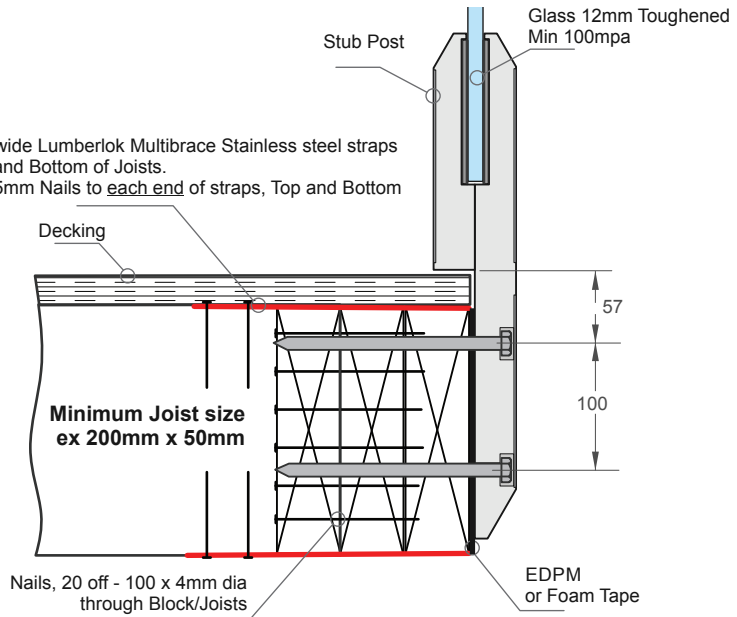
A Design engineer must ensure deck can support appropriate load applied at each post

Occupancy A, B, E and C3 only				
Face Fixed with 2 x M10 Coach Screws into Timber	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends
	1000	1300	1000	150
	1100	1250	950	150
	1200	1200	900	150

Occupancy A, B, E and C3 only				
Fixed Fixed with 2 x M10 Coach Screws into Timber	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 3 per Panel	Ends
	1000	2000	850	150
	1100	1900	800	150
	1200	1800	750	150

Occupancy A, B, E and C3 only				
Face Fixed with 2 x M10 Coach Screws into Timber	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 4 per Panel	Ends
	1000	2400	700	150
	1100	2250	650	150
	1200	2100	600	150

Pool Fence only				
Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends	max
1200	2000	1000		500

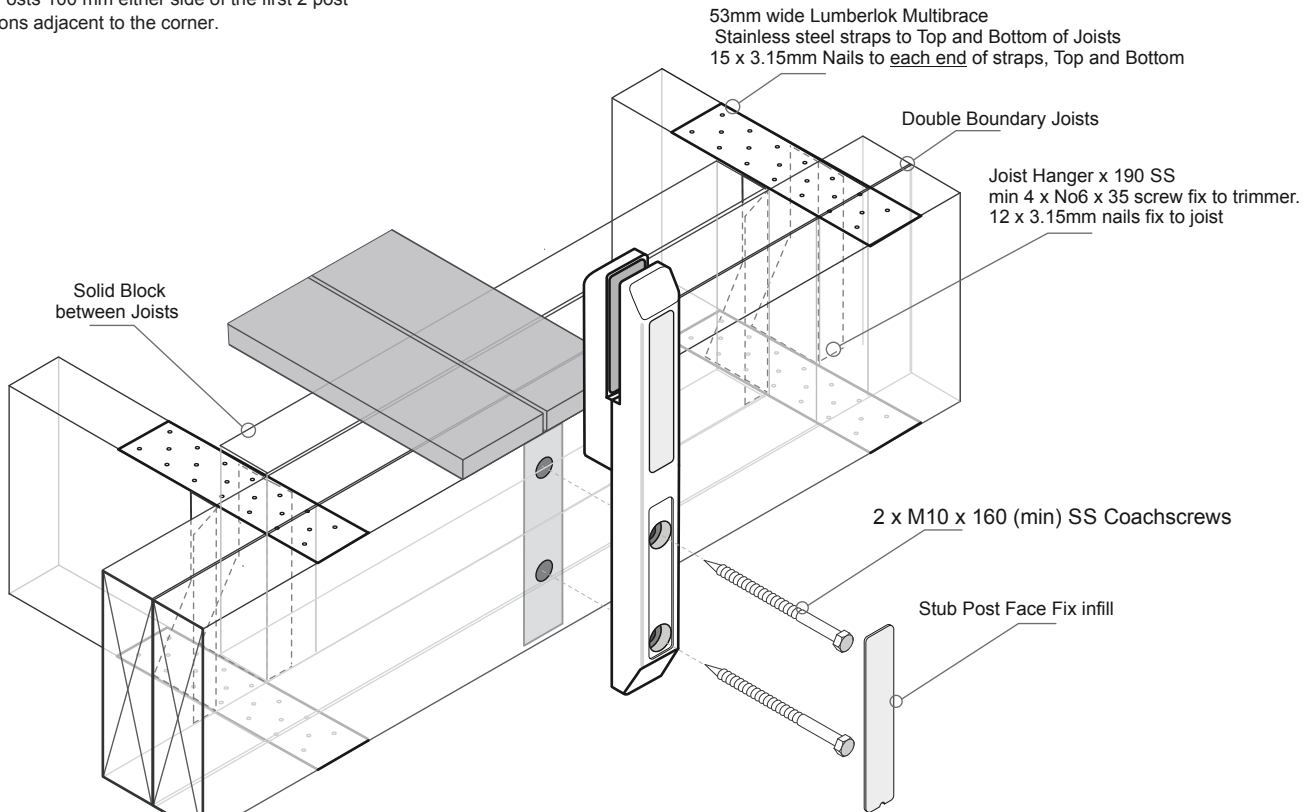


Coachscrews 130mm min thread engagement into joists/block
Bond all coachscrews with SIKA Supergrip to full depth.

A Rubber, EDPM or Foam Tape layer must be installed between the Post and Timber

Exceeds the wind loading for all Wind Zones up to Very High for 1000 mm high panels and High for 1100mm and 1200mm high panels.

Where balustrades extend to the corner of buildings in High and Very High Wind Zones use a pair of Mini Posts 100 mm either side of the first 2 post positions adjacent to the corner.



All fixings must be Stainless steel

Typical SIDE Fix Post to Timber - Bolts, or Threaded Rod

A Design engineer must ensure deck can support appropriate load applied at each post

Occupancy A, B, E and C3 only				
Face Fixed with 2 x M10 Bolts into Timber	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends
	1000	1300	1000	150
	1100	1250	950	150
	1200	1200	900	150

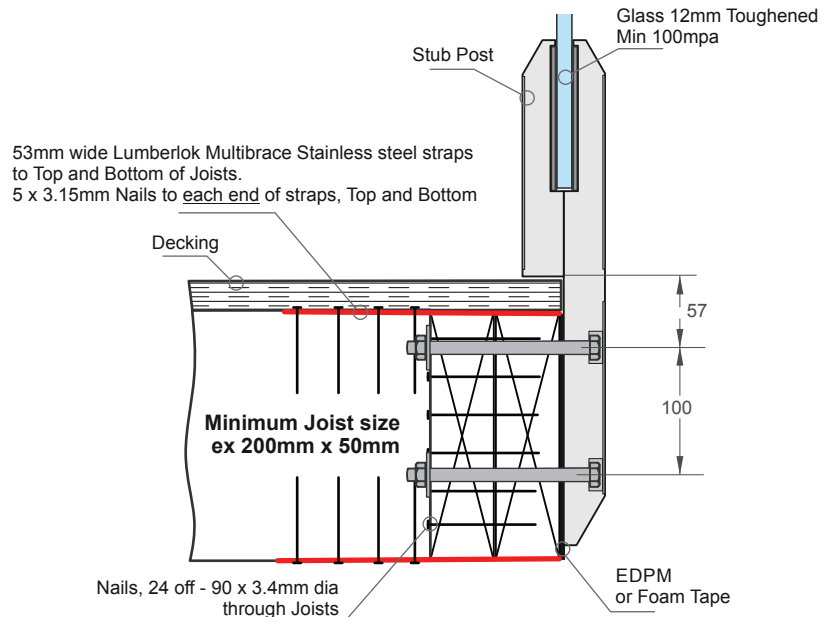
Occupancy A, B, E and C3 only				
Fixed Fixed with 2 x M10 Bolts into Timber	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 3 per Panel	Ends
	1000	2000	850	150
	1100	1900	800	150
	1200	1800	750	150

Occupancy A, B, E and C3 only				
Face Fixed with 2 x M10 Bolts into Timber	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 4 per Panel	Ends
	1000	2400	700	150
	1100	2250	650	150
	1200	2100	600	150

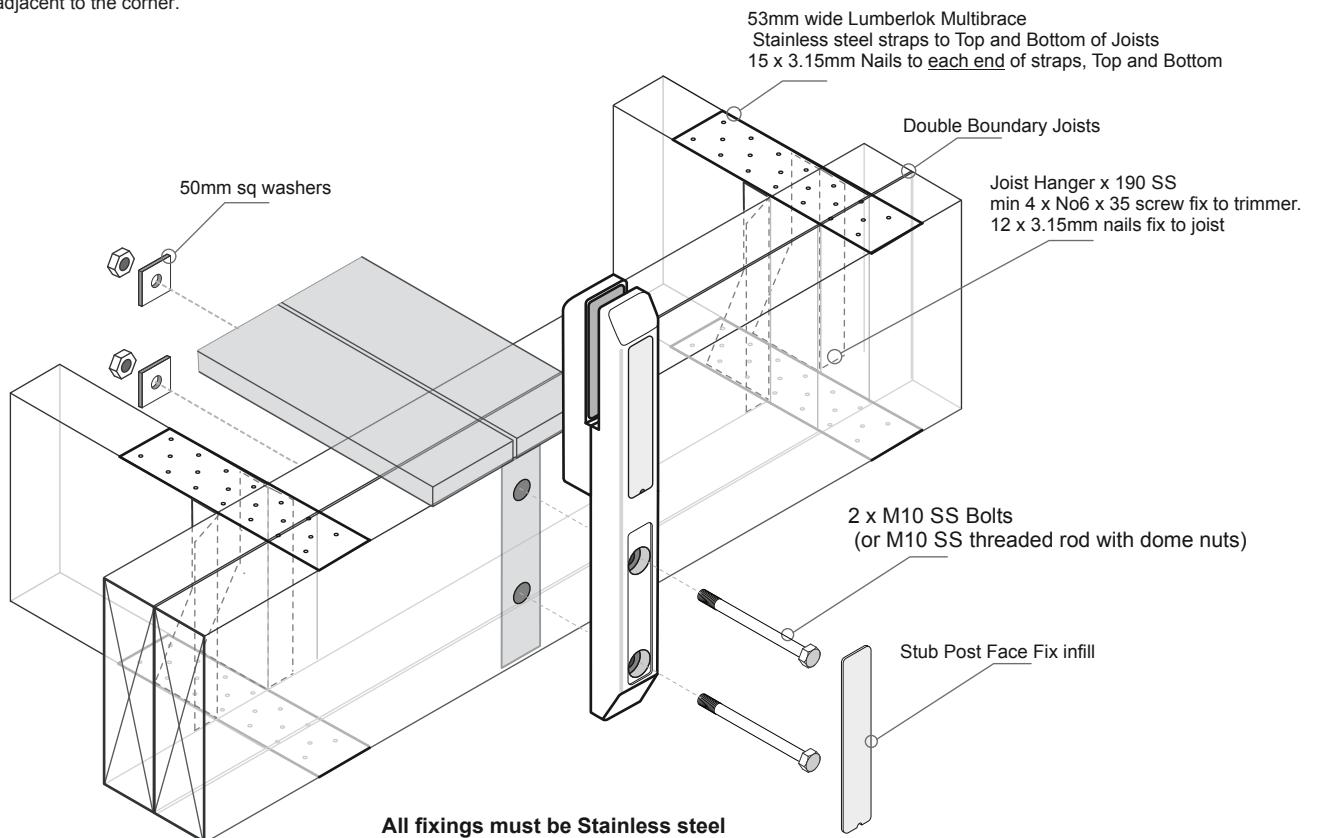
Pool Fence only				
Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends max	
1200	2000	1000	500	

Exceeds the wind loading for all Wind Zones up to Very High for 1000 mm high panels and High for 1100mm and 1200mm high panels.

Where balustrades extend to the corner of buildings in High and Very High Wind Zones use a pair of Mini Posts 100 mm either side of the first 2 post positions adjacent to the corner.



A Rubber, EDPM or Foam Tape layer must be installed between the Post and Timber



Typical SIDE Fix to Concrete - M10 Studs

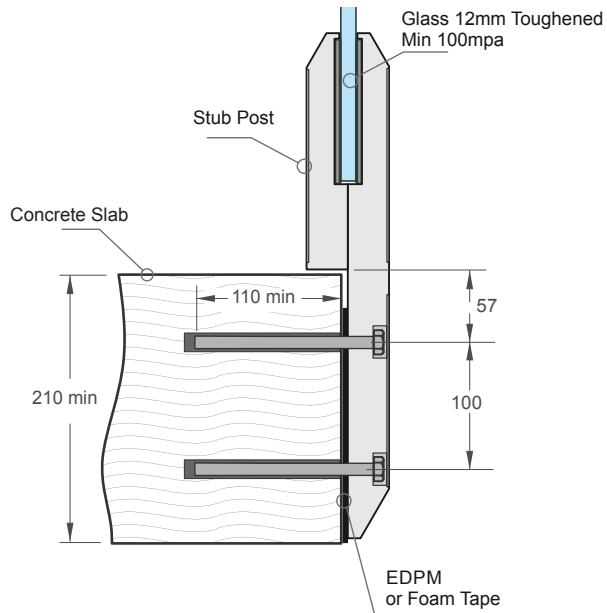
A Design engineer must ensure deck can support appropriate load applied at each post

Occupancy A, B, E and C3 only				
Face Fixed with 2 x M10 Studs into Concrete	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends
	1000	1300	1000	150
	1100	1250	950	150
	1200	1200	900	150

Occupancy A, B, E and C3 only				
Face Fixed with 2 x M10 Studs into Concrete	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 3 per Panel	Ends
	1000	2000	850	150
	1100	1900	800	150
	1200	1800	750	150

Occupancy A, B, E and C3 only				
Face Fixed with 2 x M10 Studs into Concrete	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 4 per Panel	Ends
	1000	2400	700	150
	1100	2250	650	150
	1200	2100	600	150

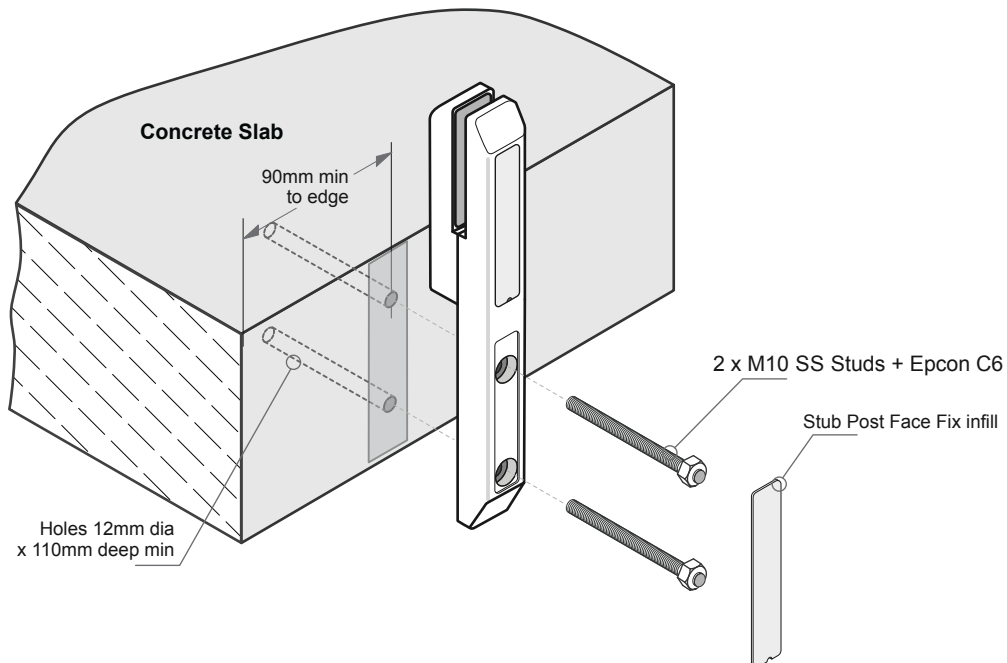
Pool Fence only				
Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends max	
1200	2000	1000	500	



**All fixings must engage into the structural slab.
A Rubber, EDPM or Foam Tape layer must be installed between the Post and Concrete**

Exceeds the wind loading for all Wind Zones up to Very High for 1000 mm high panels and High for 1100mm and 1200mm high panels.

Where balustrades extend to the corner of buildings in High and Very High Wind Zones use a pair of Mini Posts 100 mm either side of the first 2 post positions adjacent to the corner.



All fixings must be Stainless steel

PLS-400 Base Fix Stub Post Steel Fixing

Typical SIDE Fix to Steel - M10 Bolts

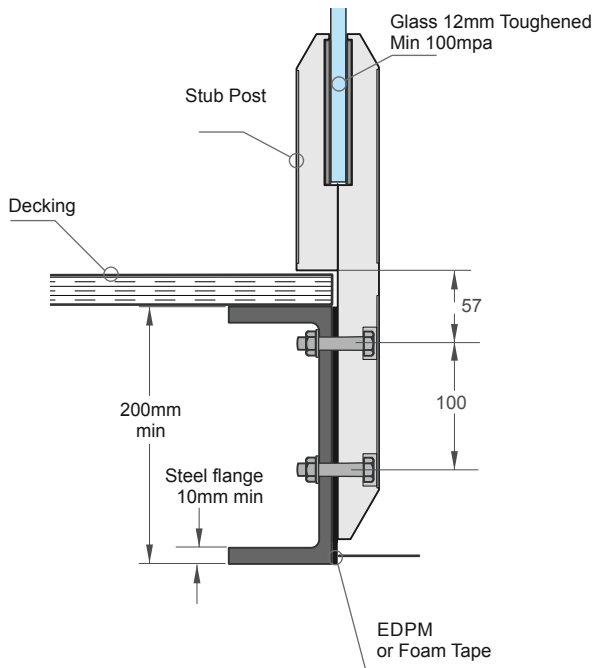
A Design engineer must ensure deck can support appropriate load applied at each post

Occupancy A, B, E and C3 only				
Face Fixed with 2 x M10 Bolts into Steel	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends
	1000	1300	1000	150
	1100	1250	950	150
	1200	1200	900	150

Occupancy A, B, E and C3 only				
Face Fixed with 2 x M10 Bolts into Steel	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 3 per Panel	Ends
	1000	2000	850	150
	1100	1900	800	150
	1200	1800	750	150

Occupancy A, B, E and C3 only				
Face Fixed with 2 x M10 Bolts into Steel	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 4 per Panel	Ends
	1000	2400	700	150
	1100	2250	650	150
	1200	2100	600	150

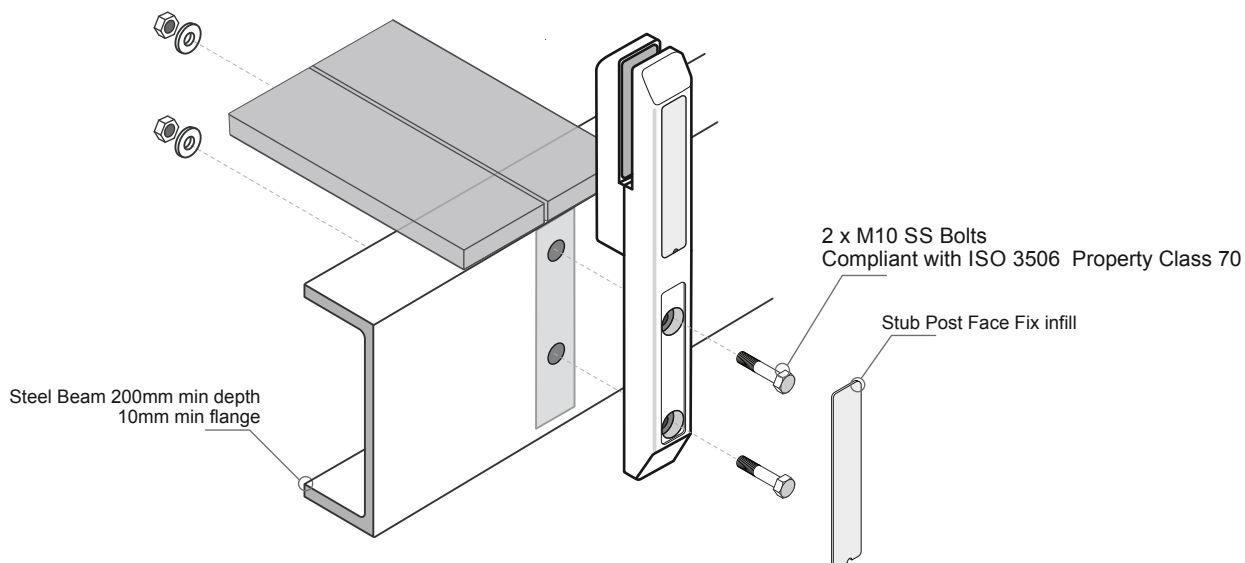
Pool Fence only				
Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends max	
1200	2000	1000	500	



A Rubber, EDPM or Foam Tape layer must be installed between the Post and Steel

Exceeds the wind loading for all Wind Zones up to Very High for 1000 mm high panels and High for 1100mm and 1200mm high panels.

Where balustrades extend to the corner of buildings in High and Very High Wind Zones use a pair of Mini Posts 100 mm either side of the first 2 post positions adjacent to the corner.



All fixings must be Stainless steel

Platinum Stub Post - PLS - 400 Side Fix Stub Post Timber Fixing
Complies with NZS3604:2011 - Double Boundary Joists

Typical SIDE Fix Post to Waterproof Timber Deck - Spacers and Coachscrews

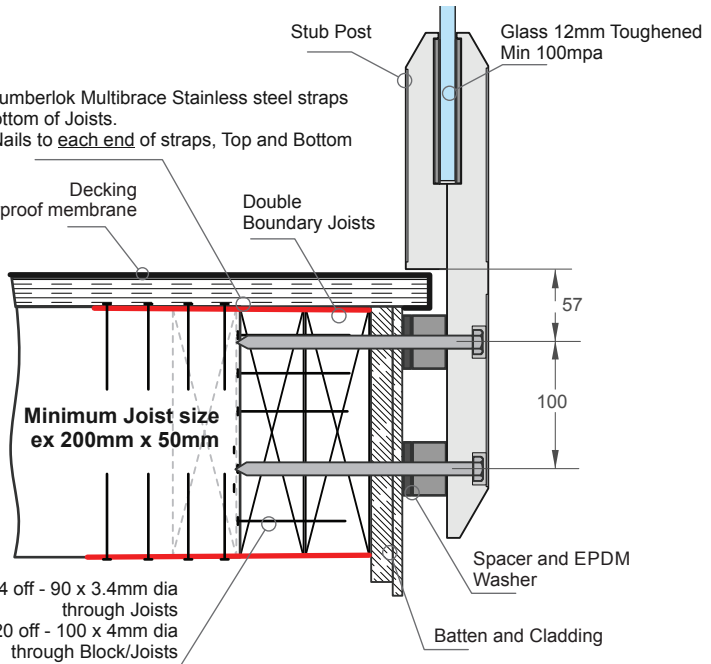
A Design engineer must ensure deck can support appropriate load applied at each post

Occupancy A, B, E and C3 only				
Face Fixed with Spacers. 2 x M10 Coach Screws into Waterproofed Timber Deck	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends
	1000	1300	1000	150
	1100	1250	950	150
	1200	1200	900	150

Occupancy A, B, E and C3 only				
Face Fixed with Spacers. 2 x M10 Coach Screws into Waterproofed Timber Deck	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 3 per Panel	Ends
	1000	2000	850	150
	1100	1900	800	150
	1200	1800	750	150

Occupancy A, B, E and C3 only				
Face Fixed with Spacers. 2 x M10 Coach Screws into Waterproofed Timber Deck	Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 4 per Panel	Ends
	1000	2400	700	150
	1100	2250	650	150
	1200	2100	600	150

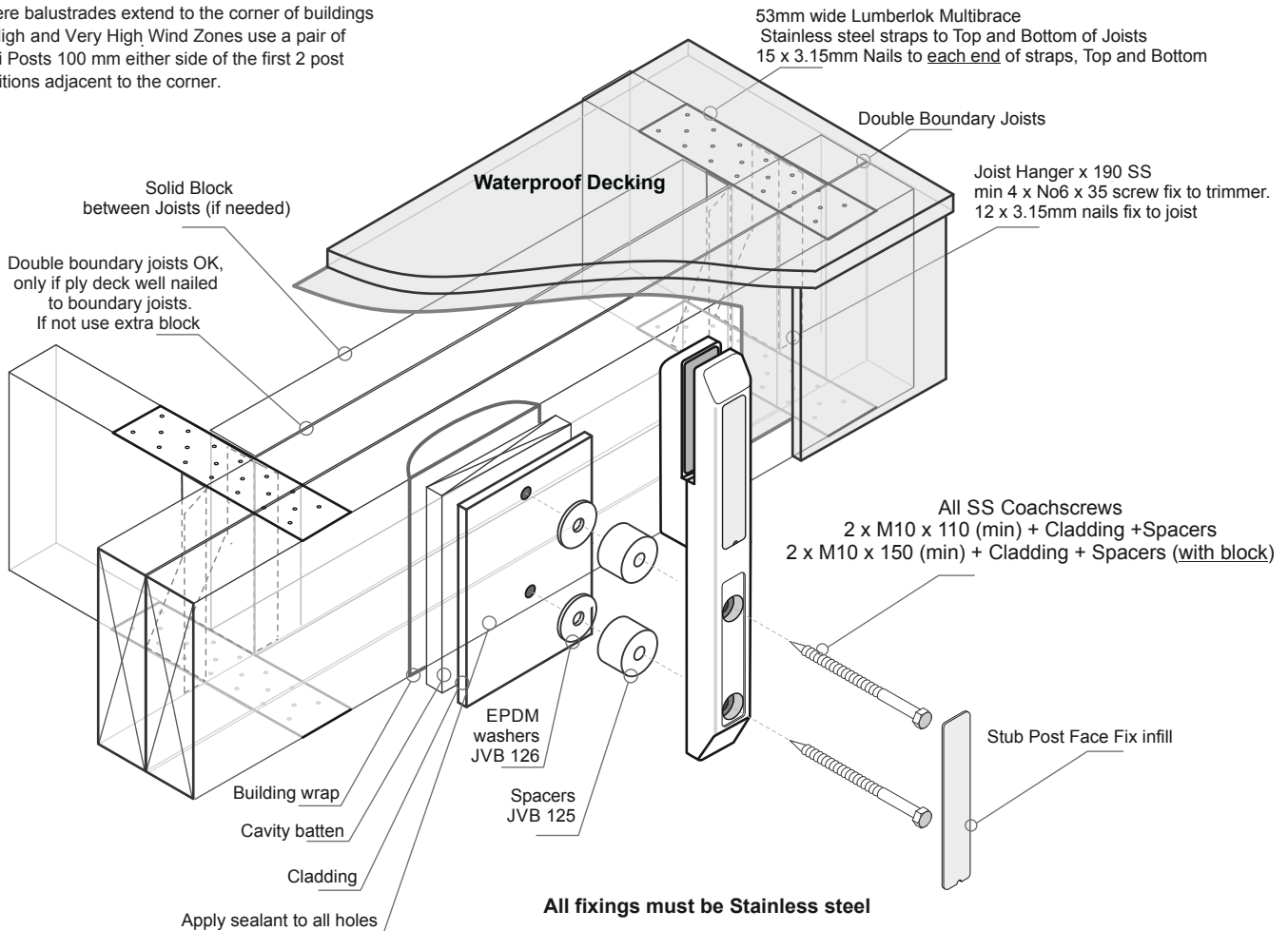
Pool Fence only			
Glass Panel Height mm(max)	Glass Panel Width mm(max)	Post Spacing 2 per Panel	Ends max
1200	2000	1000	500



Coachscrews 90mm min engagement into joists.
130mm min engagement into joists/block
Bond all coachscrews with SIKA Supergrip to full depth.

Exceeds the wind loading for all Wind Zones up to Very High for 1000 mm high panels and High for 1100mm and 1200mm high panels.

Where balustrades extend to the corner of buildings in High and Very High Wind Zones use a pair of Mini Posts 100 mm either side of the first 2 post positions adjacent to the corner.



All fixings must be Stainless steel