



ARBOUR
LANDSCAPE SOLUTIONS

Composite Products

Longlife Fencing

Longlife Gates

Longlife Balustrades

Composite fences and balustrades by Arbour are easy to install whilst offering a long-lasting and stylish solution.

Installation guide 2019

Fences & Balustrades

Please ensure Installation is followed as per the Installation Guides for Arbour's warranty to apply. For any clarification or information please contact a member of the Arbour Landscape Solutions Team on 020 8953 6177 or email richard@arbourlandscapesolutions.co.uk

V.1 SEPTEMBER 2019



Composite Fences by Arbour Landscape Solutions

Posts into ground



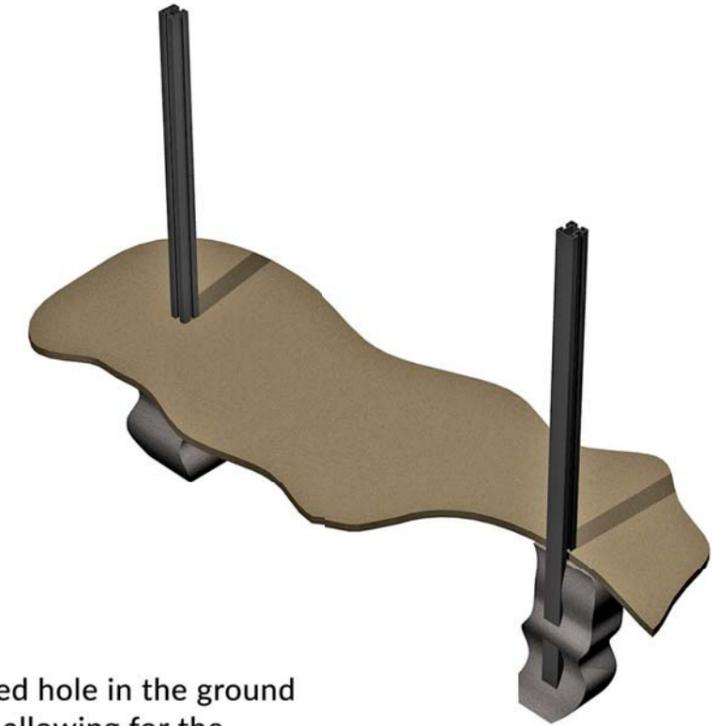
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Composite Products

Component list

Product Code	Image	Quantity per bay	Product Description	Dimensions	Weight (kg)
1.8m x 1.8m Fence (can be sunk in the ground or fixed using base palates)					
FY-ALUKIT2.4		1	1. 2.4m post	70mm x 70mm x 2400mm	7.4
		1	2. Post cap		
		1	3. 1.815m Insert		
		1	4/5. 55mm & 20mm Insert (dependant on finished fence height)		
FY-BOTRAIL		1	Bottom Rail	1748mm x 30mm x 20mm	0.8
FY-TOPRAIL		1	Top Rail	1748mm x 30mm x 20mm	0.7
FY-BASEPLATE-KIT		1	10mm Base Plate	130mm x 130mm x 10mm	2.5
		4	Bolts to attach baseplate to post		
		4	Concrete fixing bolts		
FY-ENDBRACK		1	1 Pack (4 Included with screws)		0.02
FY-FSC (CHCL, COFF, LGRY)		12	FSC 100% Composite Fence boards	145mm x 1755mm x 19.5mm	3.85 e.a.
Additional finishing post					
FY-ALUKIT2.4		1	Additional post kit as above to finish end of run	70mm x 70mm x 2400mm	7.4
FY-BASEPLATE-KIT		1	Additional baseplate as above to finish run	130mm x 130mm x 10mm	2.5

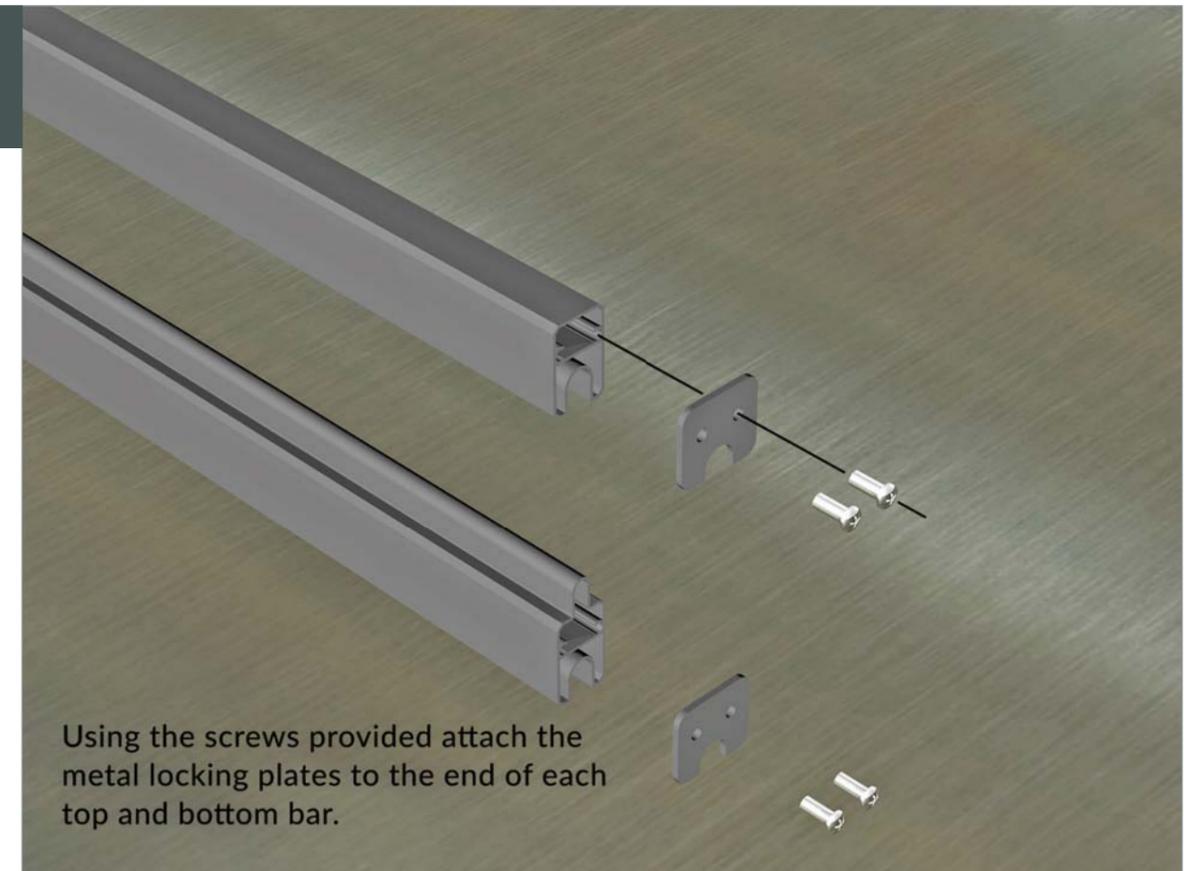
4ft Fence (can be sunk in the ground or fixed using base palates)					
FY-ALUKIT1.54		1	1. 1.54m post	70mm x 70mm x 1540mm	4.8
		1	2. Post cap		
		1	3. 1.55m Insert		
		1	4. 55mm Insert		
FY-BOTRAIL		1	Bottom Rail	1748mm x 30mm x 20mm	0.8
FY-TOPRAIL		1	Top Rail	1748mm x 30mm x 20mm	0.7
FY-ENDBRACK		1	1 Pack (4 Included & Screws)		0.02
FY-FSC (CHCL, COFF, LGRY)		8	FSC 100% Composite Fence boards	145mm x 1755mm x 19.5mm	3.85 e.a.

1



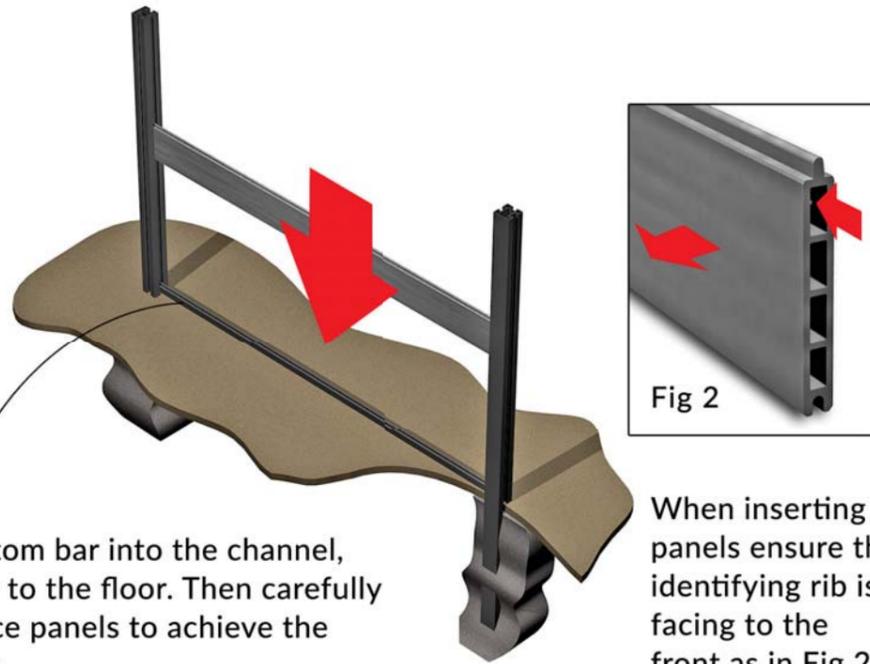
Dig a sufficient sized hole in the ground to accept the post allowing for the desired fence height.

2



Using the screws provided attach the metal locking plates to the end of each top and bottom bar.

3

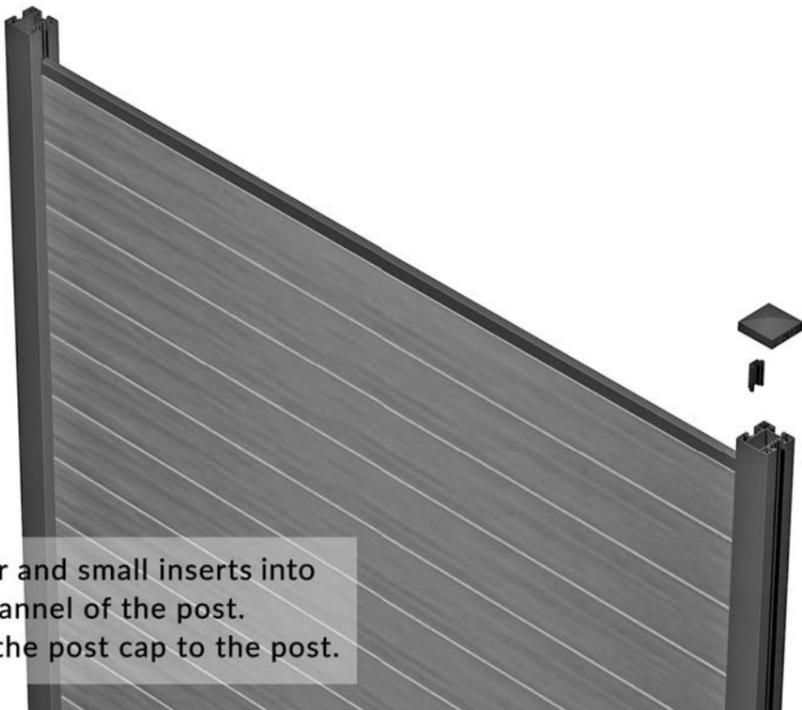


Insert the bottom bar into the channel, sliding the bar to the floor. Then carefully insert the fence panels to achieve the desired height.

When inserting panels ensure the identifying rib is facing to the front as in Fig 2.

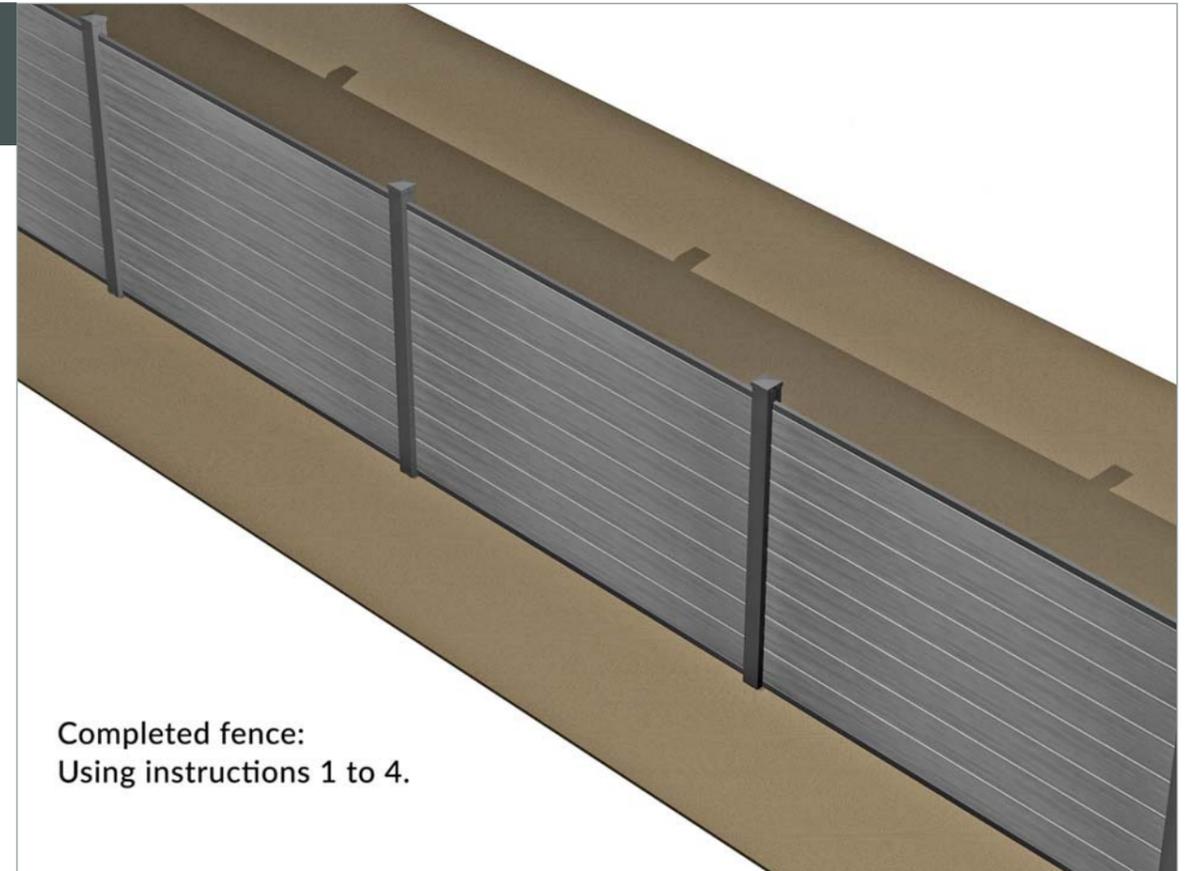
4

-  Post cap
-  Insert



Insert top bar and small inserts into the channel of the post. Finally, add the post cap to the post.

5



Completed fence:
Using instructions 1 to 4.

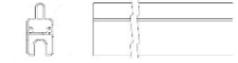
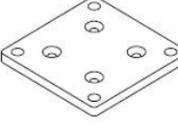
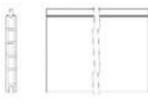
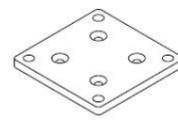
Composite Fences by Arbour Landscape Solutions

With base plates



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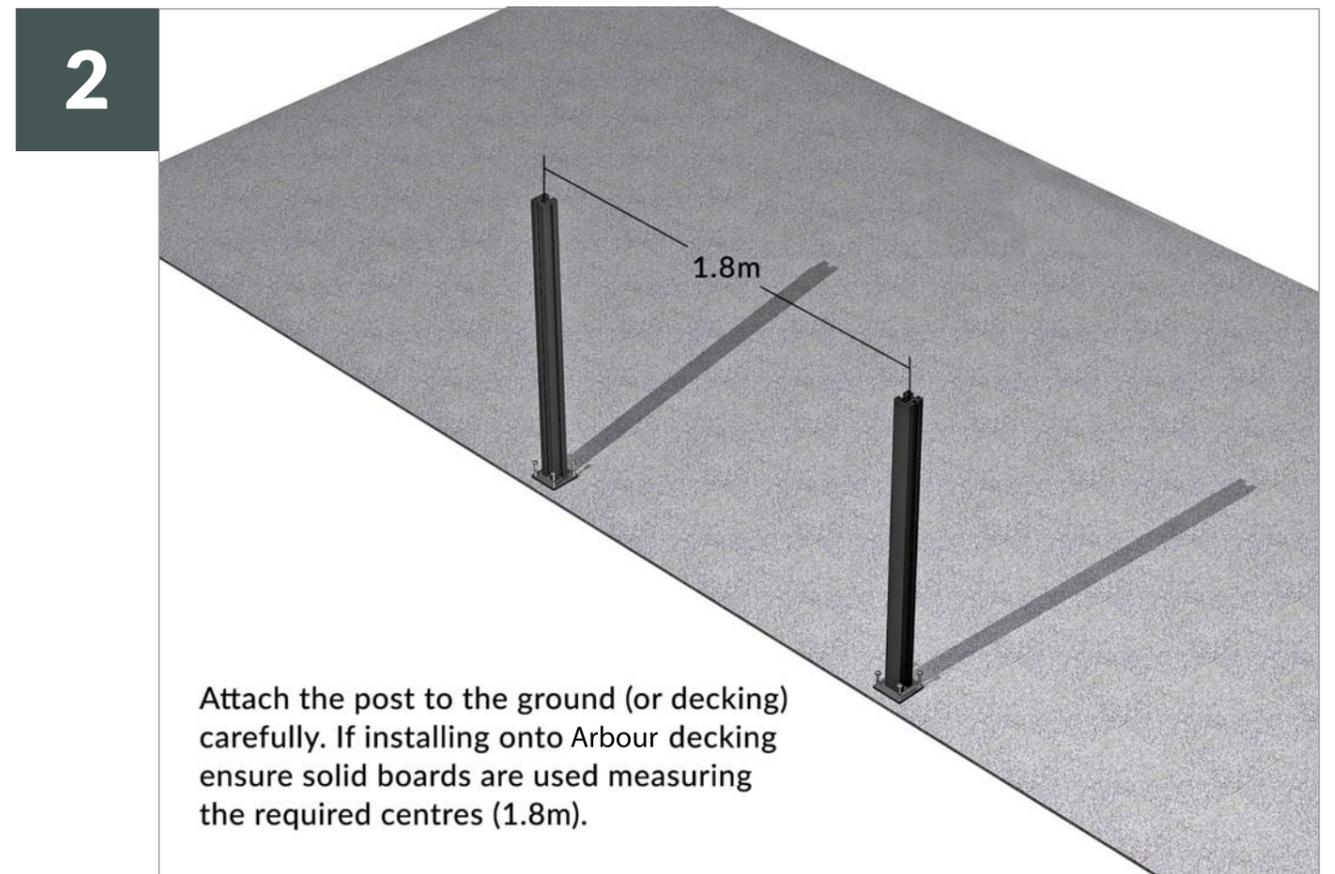
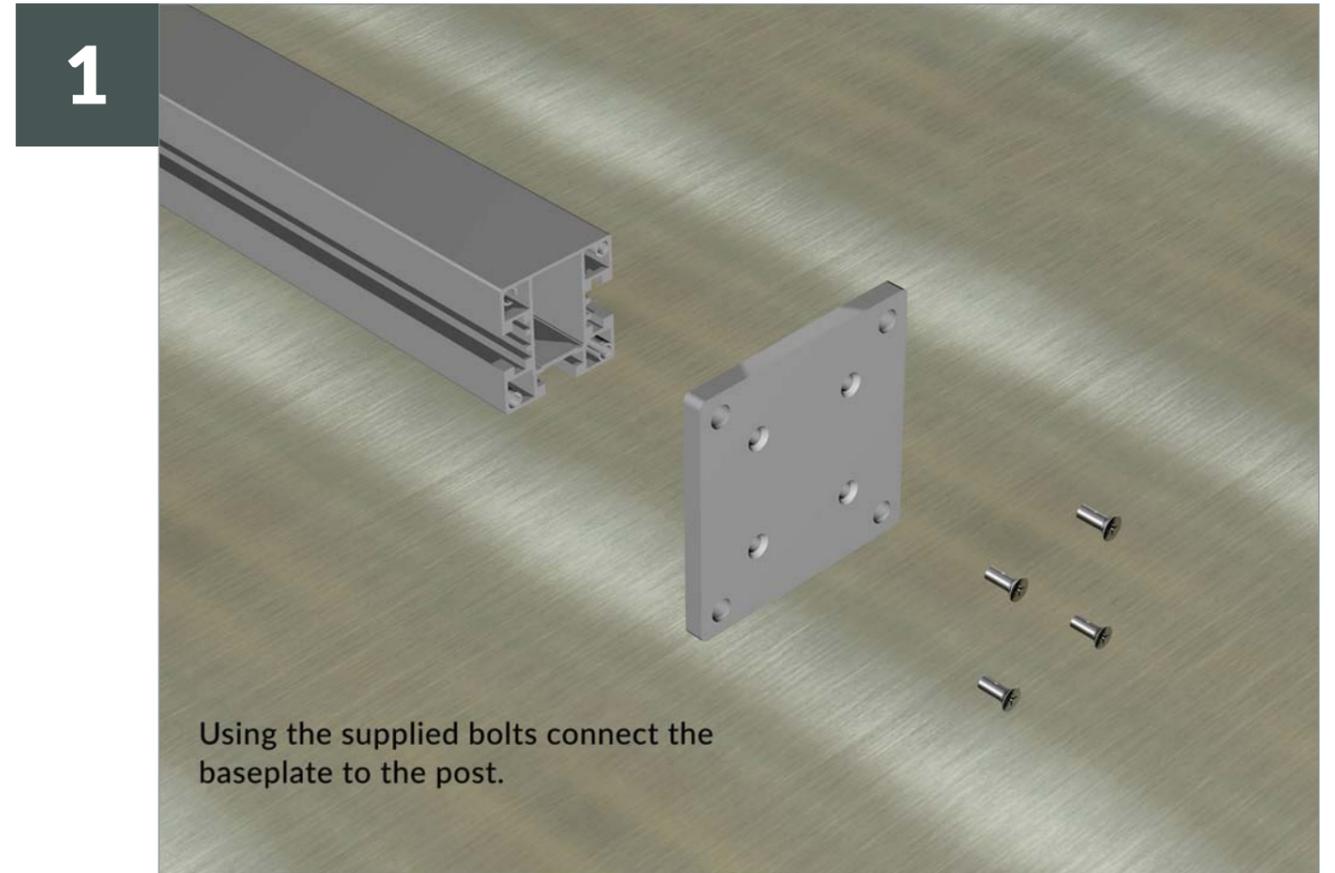
Component list

Product Code	Image	Quantity per bay	Product Description	Dimensions	Weight (kg)
1.8m x 1.8m Fence (can be sunk in the ground or fixed using base palates)					
FY-ALUKIT2.4		1	1. 2.4m post	70mm x 70mm x 2400mm	7.4
		1	2. Post cap		
		1	3. 1.815m Insert		
		1	4/5. 55mm & 20mm Insert (dependant on finished fence height)		
FY-BOTRAIL		1	Bottom Rail	1748mm x 30mm x 20mm	0.8
FY-TOPRAIL		1	Top Rail	1748mm x 30mm x 20mm	0.7
FY-BASEPLATE-KIT		1	10mm Base Plate	130mm x 130mm x 10mm	2.5
		4	Bolts to attach baseplate to post		
		4	Concrete fixing bolts		
FY-ENDBRACK		1	1 Pack (4 Included with screws)		0.02
FY-FSC (CHCL, COFF, LGRY)		12	FSC 100% Composite Fence boards	145mm x 1755mm x 19.5mm	3.85 e.a.
Additional finishing post					
FY-ALUKIT2.4		1	Additional post kit as above to finish end of run	70mm x 70mm x 2400mm	7.4
FY-BASEPLATE-KIT		1	Additional baseplate as above to finish run	130mm x 130mm x 10mm	2.5
4ft Fence (can be sunk in the ground or fixed using base palates)					

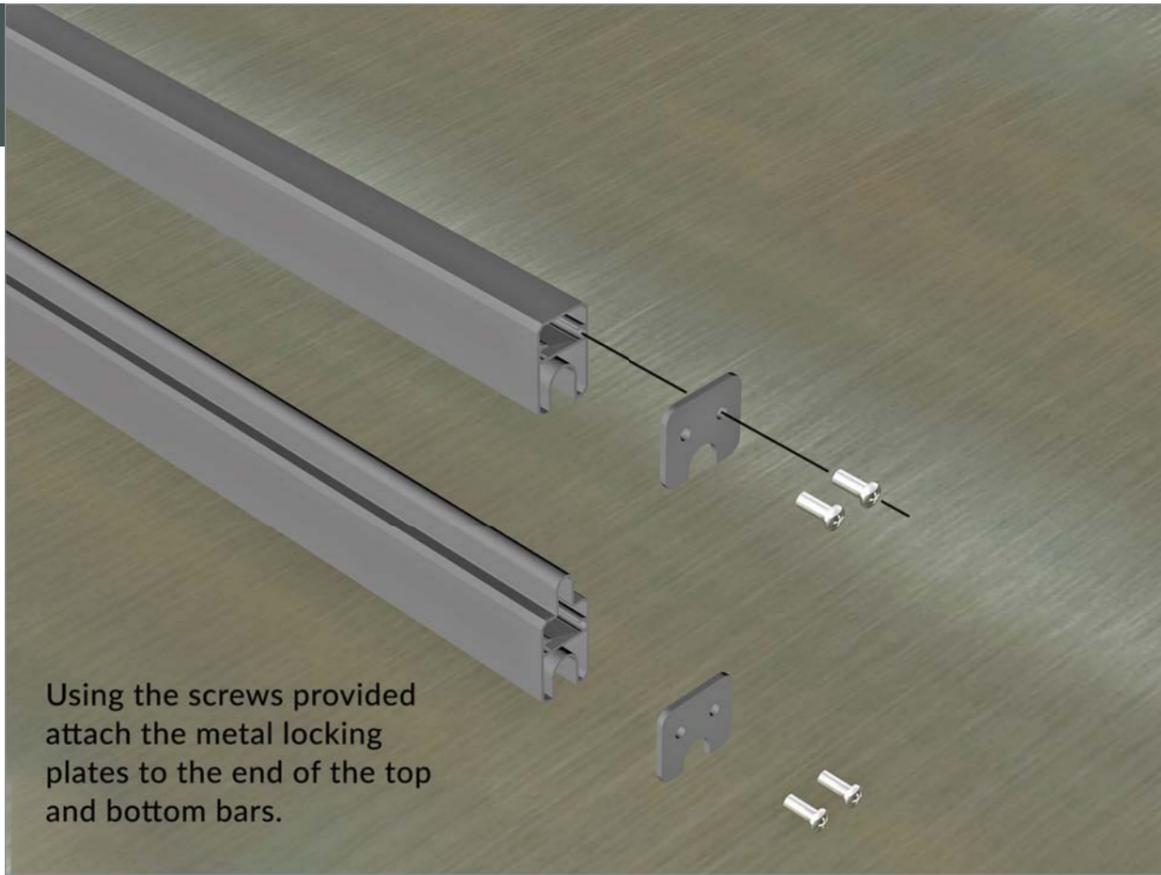
FY-ALUKIT1.54		1	1. 1.54m post	70mm x 70mm x 1540mm	4.8
		1	2. Post cap		
		1	3. 1.55m Insert		
		1	4. 55mm Insert		
FY-BOTRAIL		1	Bottom Rail	1748mm x 30mm x 20mm	0.8
FY-TOPRAIL		1	Top Rail	1748mm x 30mm x 20mm	0.7
FY-ENDBRACK		1	1 Pack (4 Included & Screws)		0.02
FY-FSC (CHCL, COFF, LGRY)		8	FSC 100% Composite Fence boards	145mm x 1755mm x 19.5mm	3.85 e.a.

If having the 4ft fence fixed with baseplates it will be the same as above with the additional parts below:

FY-BASEPLATE-KIT		1	Additional baseplate as above to finish run	130mm x 130mm x 10mm	2.5
Additional finishing post					
FY-ALUKIT1.54		1	Additional post kit as above to finish end of run	70mm x 70mm x 1540mm	4.8
FY-BASEPLATE-KIT		1	Additional baseplate as above to finish run	130mm x 130mm x 10mm	2.5

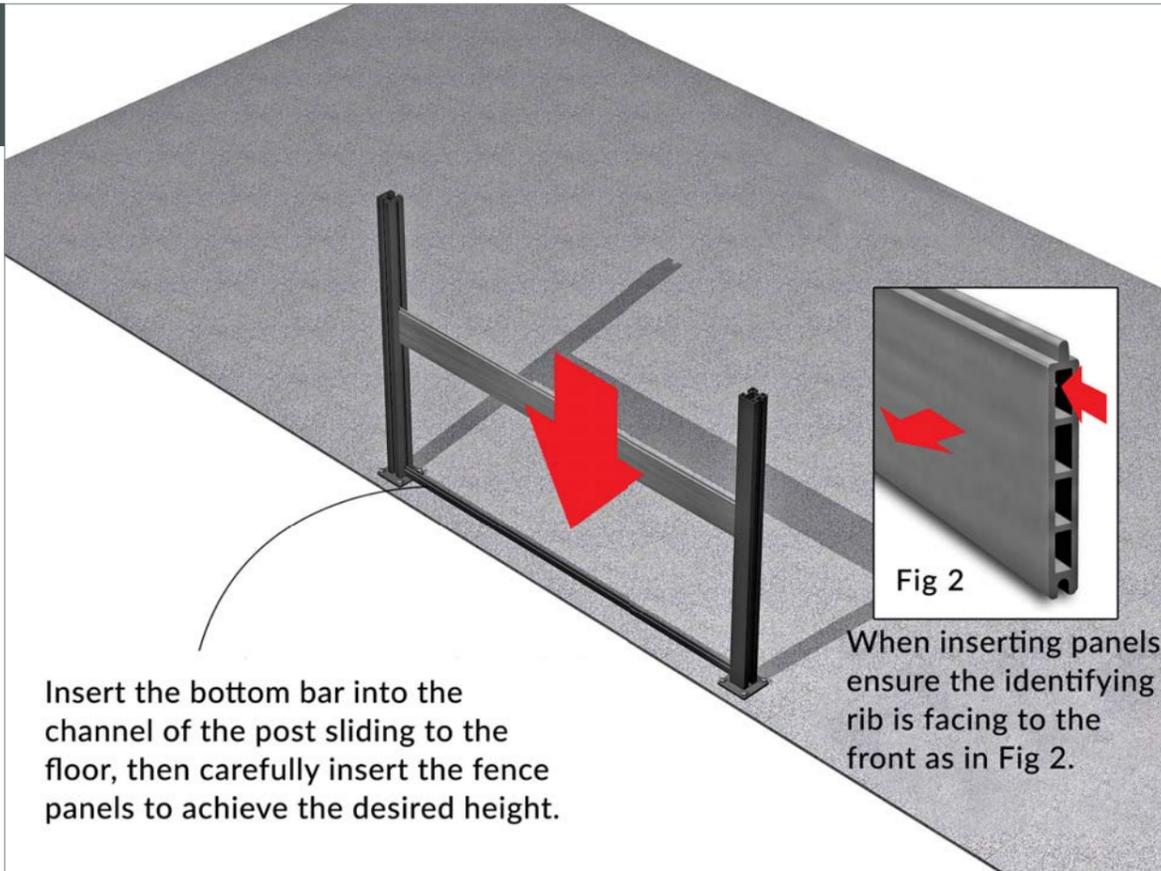


3



Using the screws provided attach the metal locking plates to the end of the top and bottom bars.

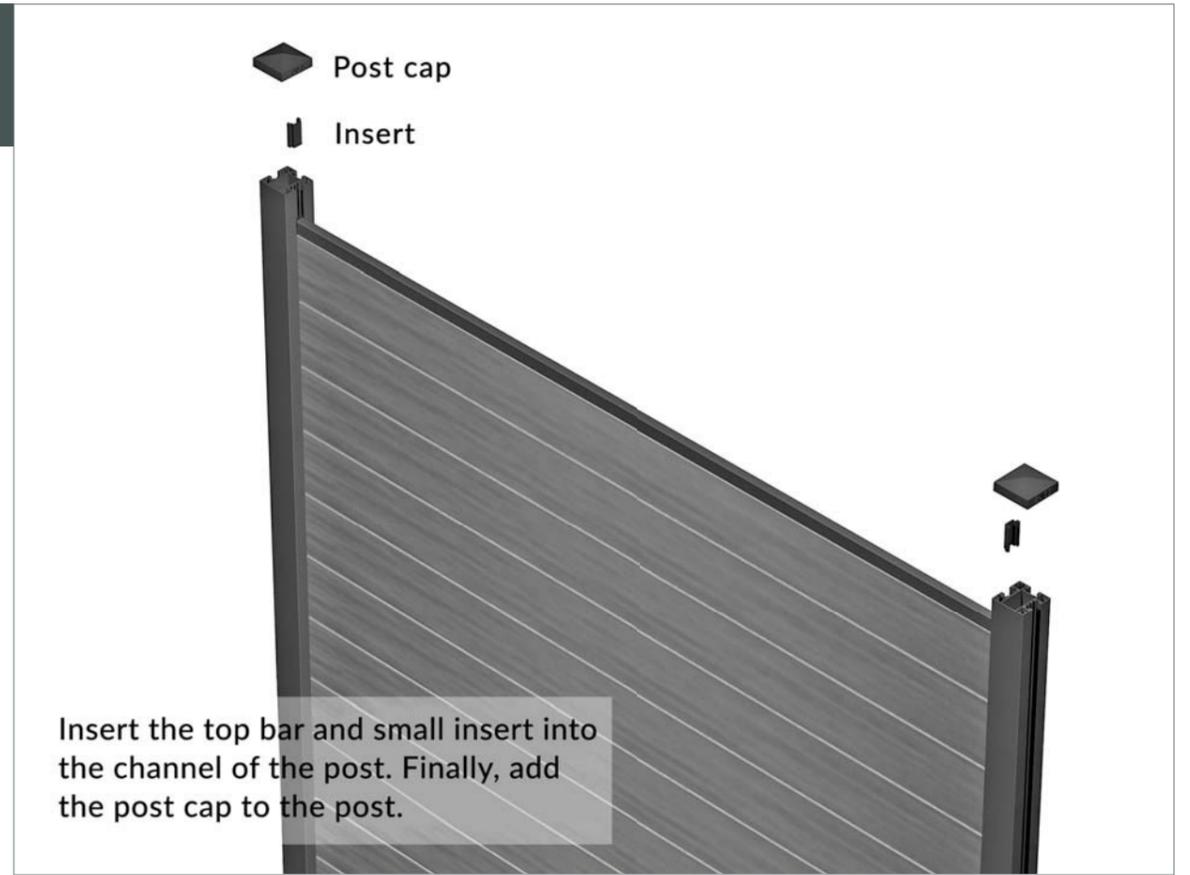
4



Insert the bottom bar into the channel of the post sliding to the floor, then carefully insert the fence panels to achieve the desired height.

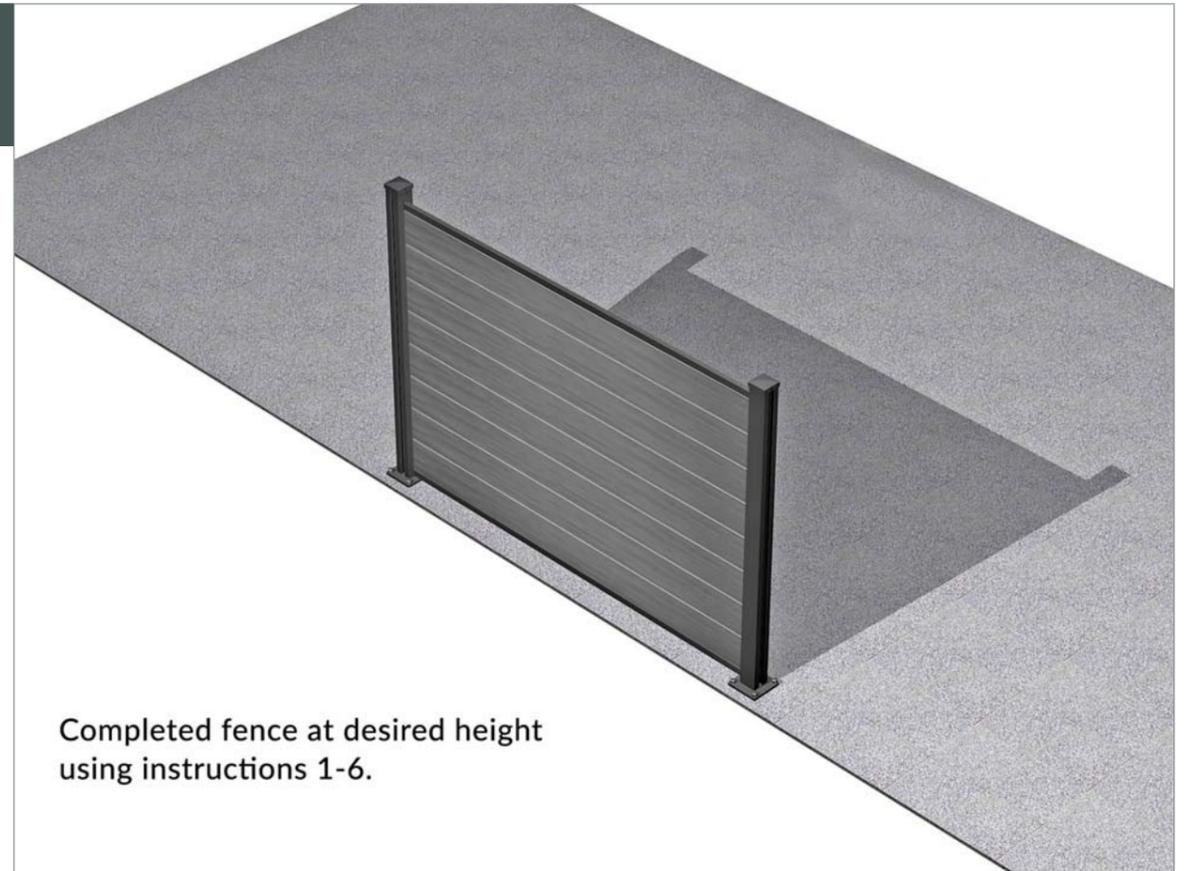
When inserting panels ensure the identifying rib is facing to the front as in Fig 2.

5



Insert the top bar and small insert into the channel of the post. Finally, add the post cap to the post.

6



Completed fence at desired height using instructions 1-6.

Composite Fences by Arbour Landscape Solutions

Ranch style

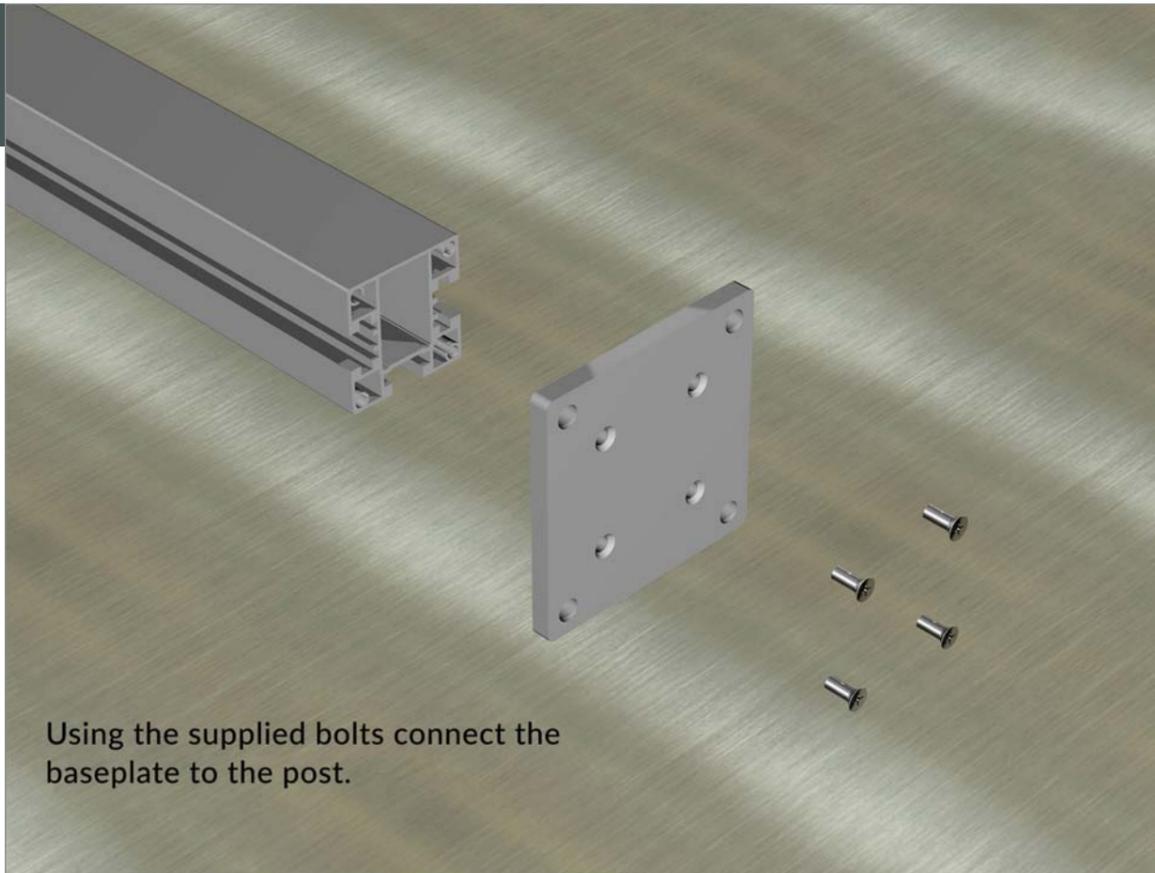


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Component list

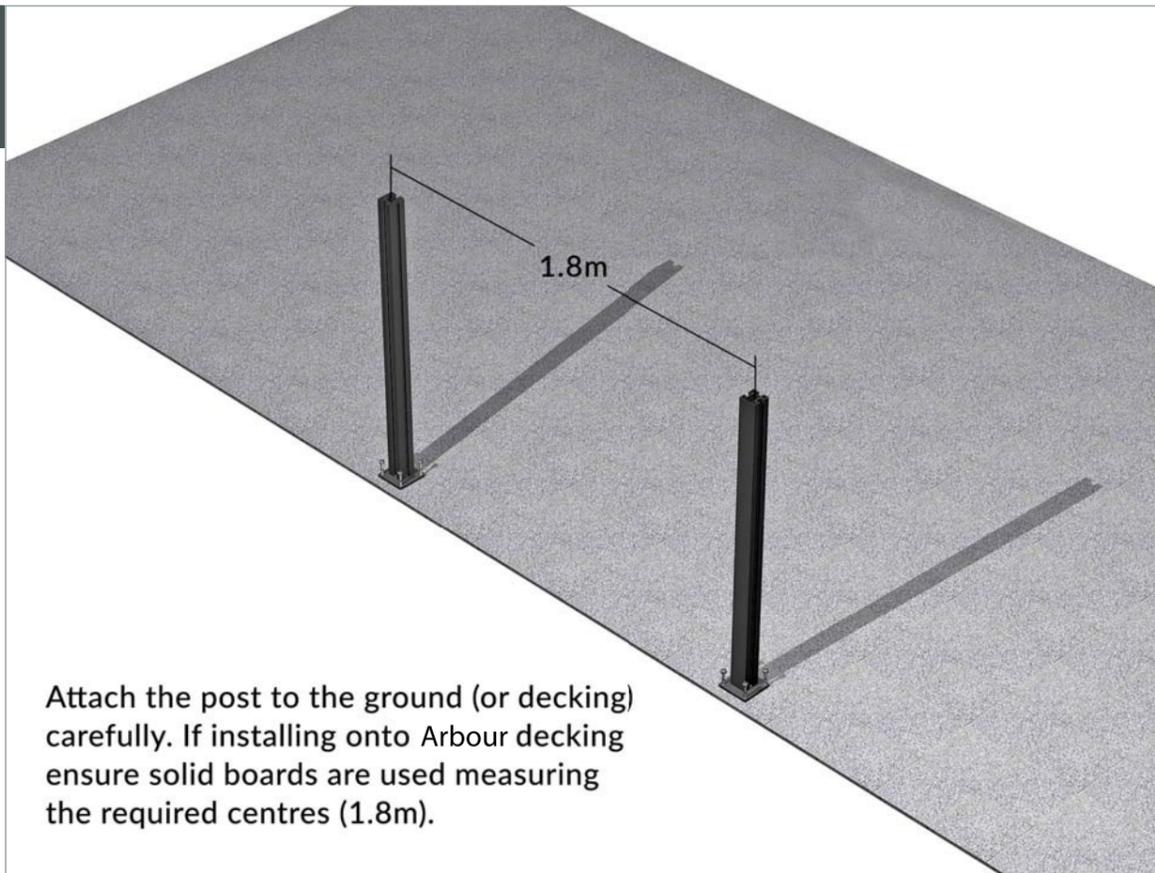
Product Code	Image	Quantity per bay	Product Description	Dimensions	Weight (kg)
3 Board Ranch Fence (can be sunk in the ground or fixed using base palates)					
FY-ALUKIT1.54		1	1. 1.54m post	70mm x 70mm x 1540mm	4.8
		1	2. Post cap		
		1	3. 1.55m Insert		
		1	4. 55mm Insert		
FY-BOTRAIL		3	Bottom Rail	1748mm x 30mm x 20mm	0.8 e.a.
FY-TOPRAIL		3	Top Rail	1748mm x 30mm x 20mm	0.7 e.a.
FY-ENDBRACK		3	1 Pack (4 Included & Screws)		
FY-FSC (CHCL, COFF, LGRY)		3	FSC 100% Composite Fence boards	145mm x 1755mm x 19.5mm	3.85 e.a.
FY-BASEPLATE-KIT		1	Additional baseplate as above to finish run	130mm x 130mm x 10mm	2.5
FY-INSERT-1.815		1	1.8M Insert	1.815m	0.4
Additional finishing post					
FY-ALUKIT1.54		1	1. 1.54m post	70mm x 70mm x 1540mm	4.8
		1	2. Post cap		
		1	3. 1.55m Insert		
		1	4. 55mm Insert		
FY-BASEPLATE-KIT		1	Additional baseplate as above to finish run	130mm x 130mm x 10mm	2.5
Please note the 2 board ranch has the same components as above but each bay will have 2no. boards rather than 3no, and reduced number of top and bottom rails					

1



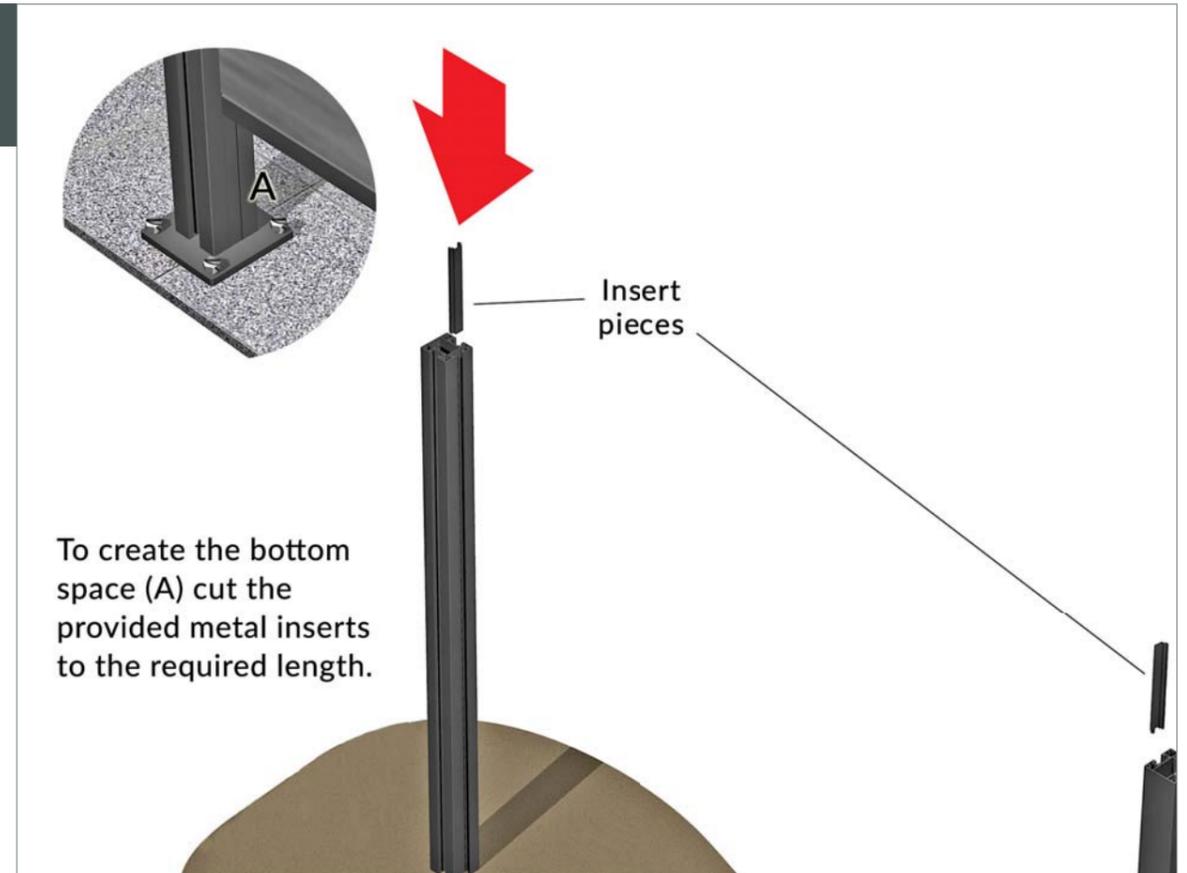
Using the supplied bolts connect the baseplate to the post.

2



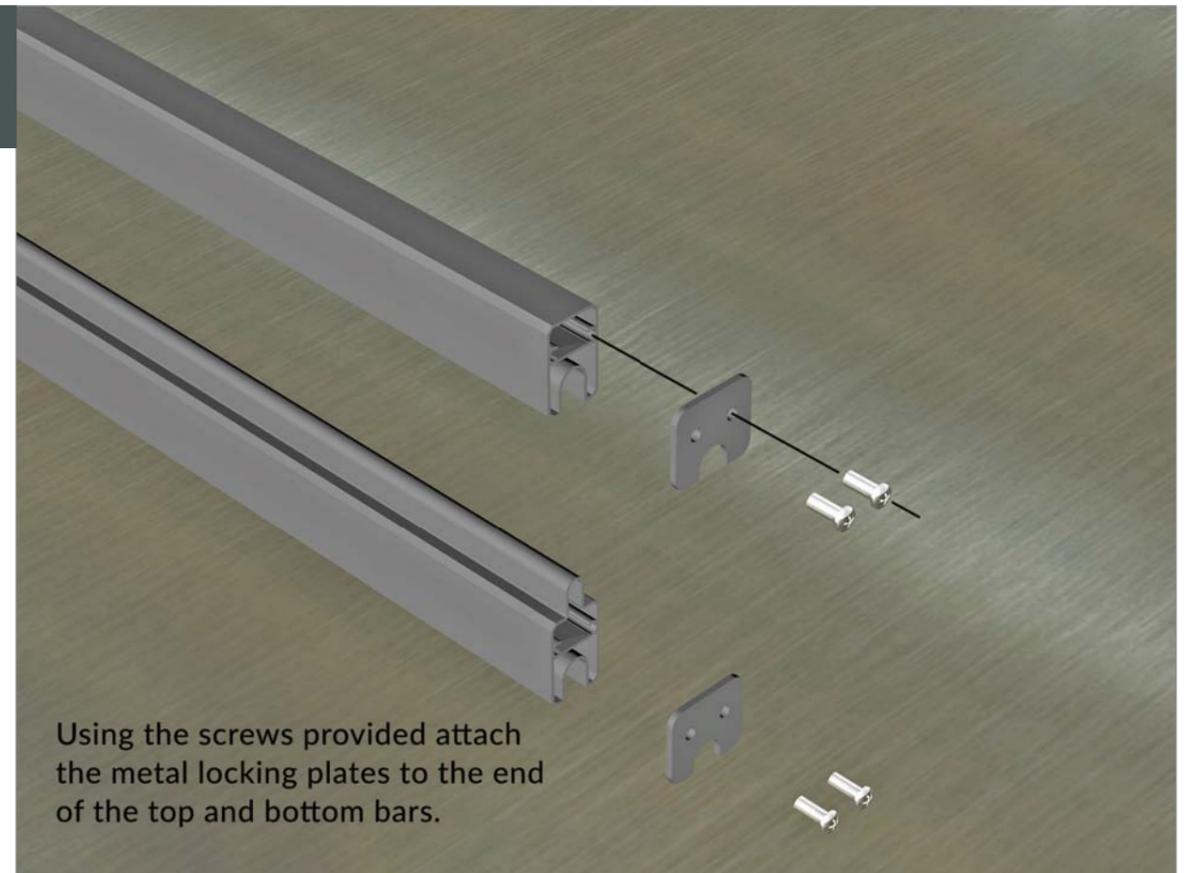
Attach the post to the ground (or decking) carefully. If installing onto Arbour decking ensure solid boards are used measuring the required centres (1.8m).

3



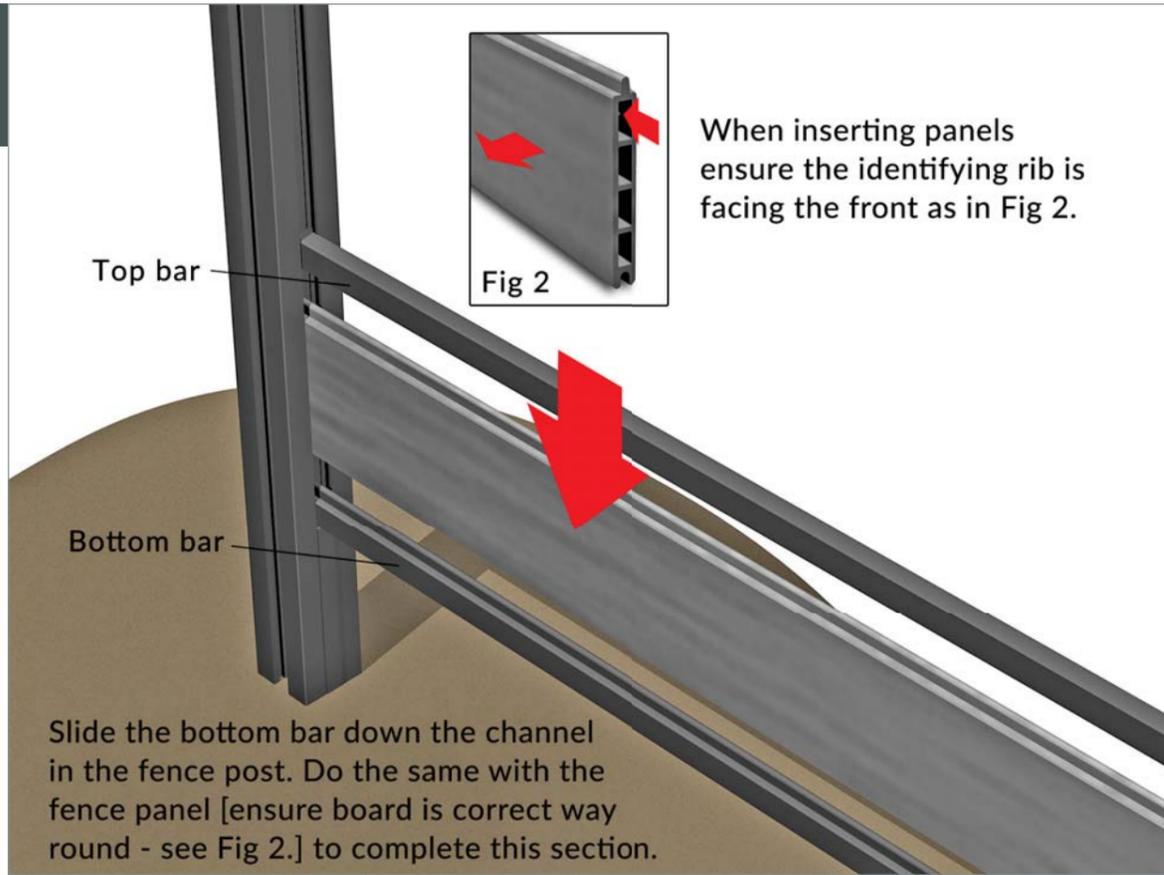
To create the bottom space (A) cut the provided metal inserts to the required length.

4

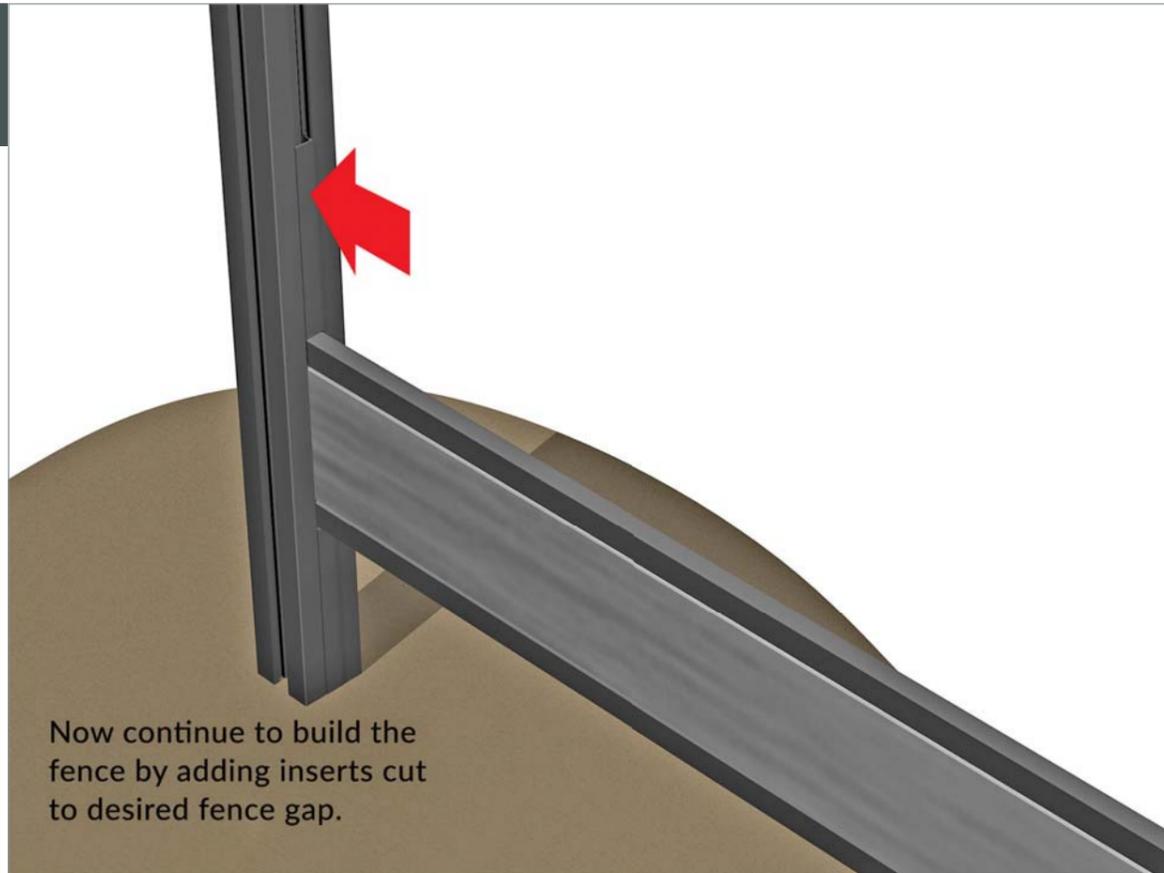


Using the screws provided attach the metal locking plates to the end of the top and bottom bars.

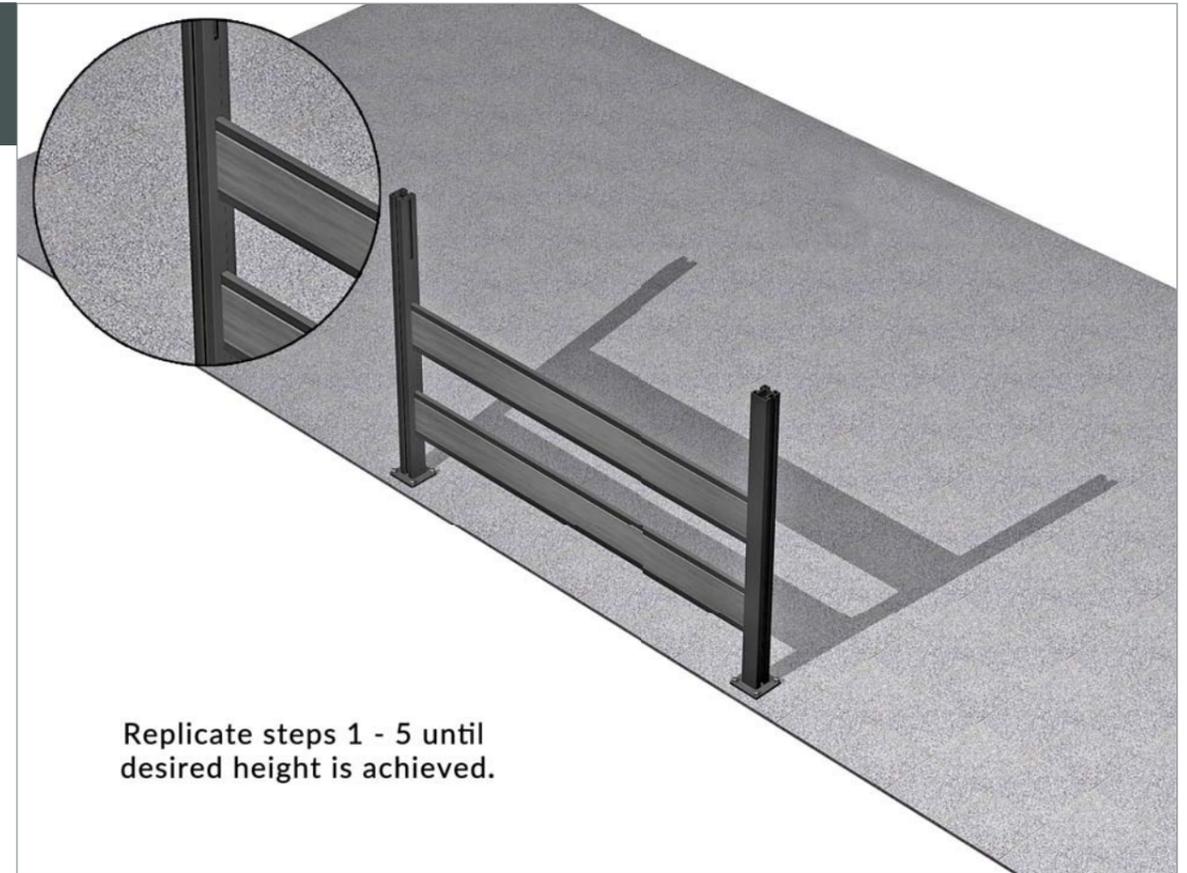
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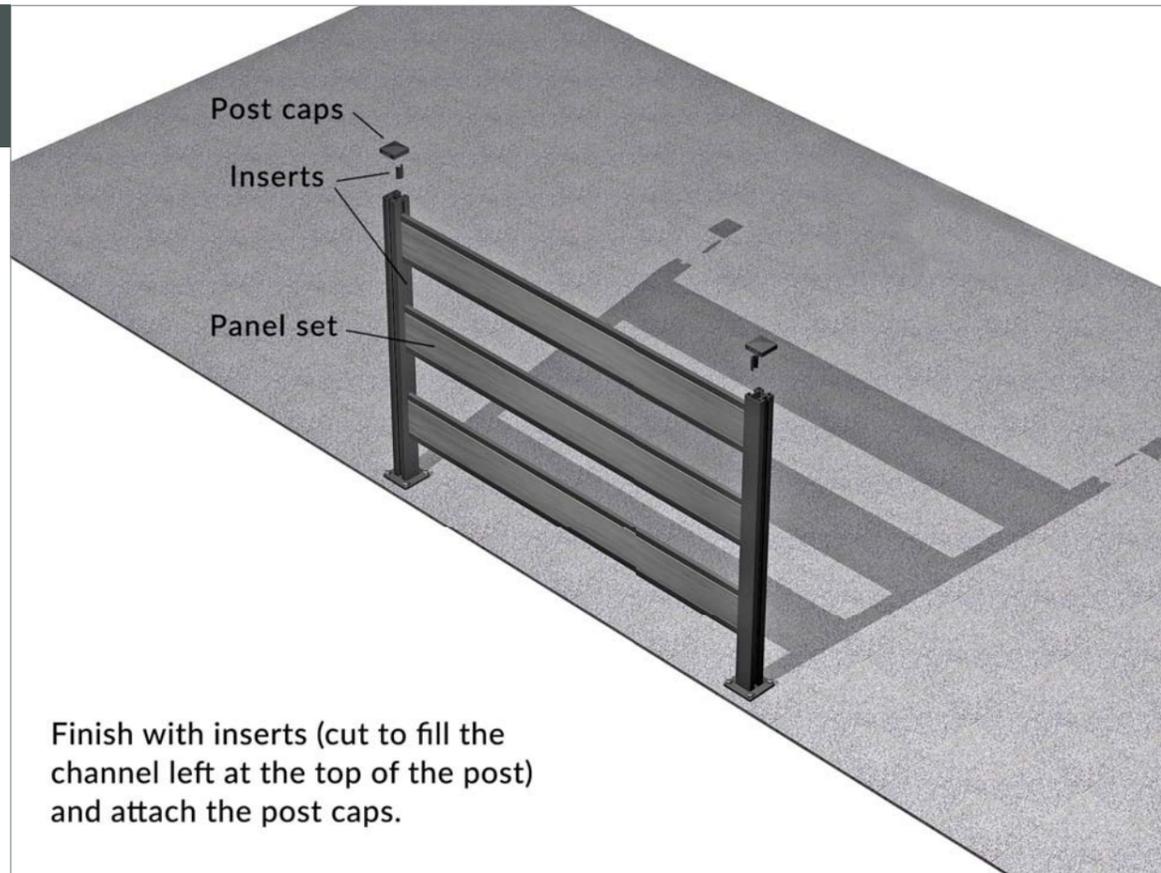
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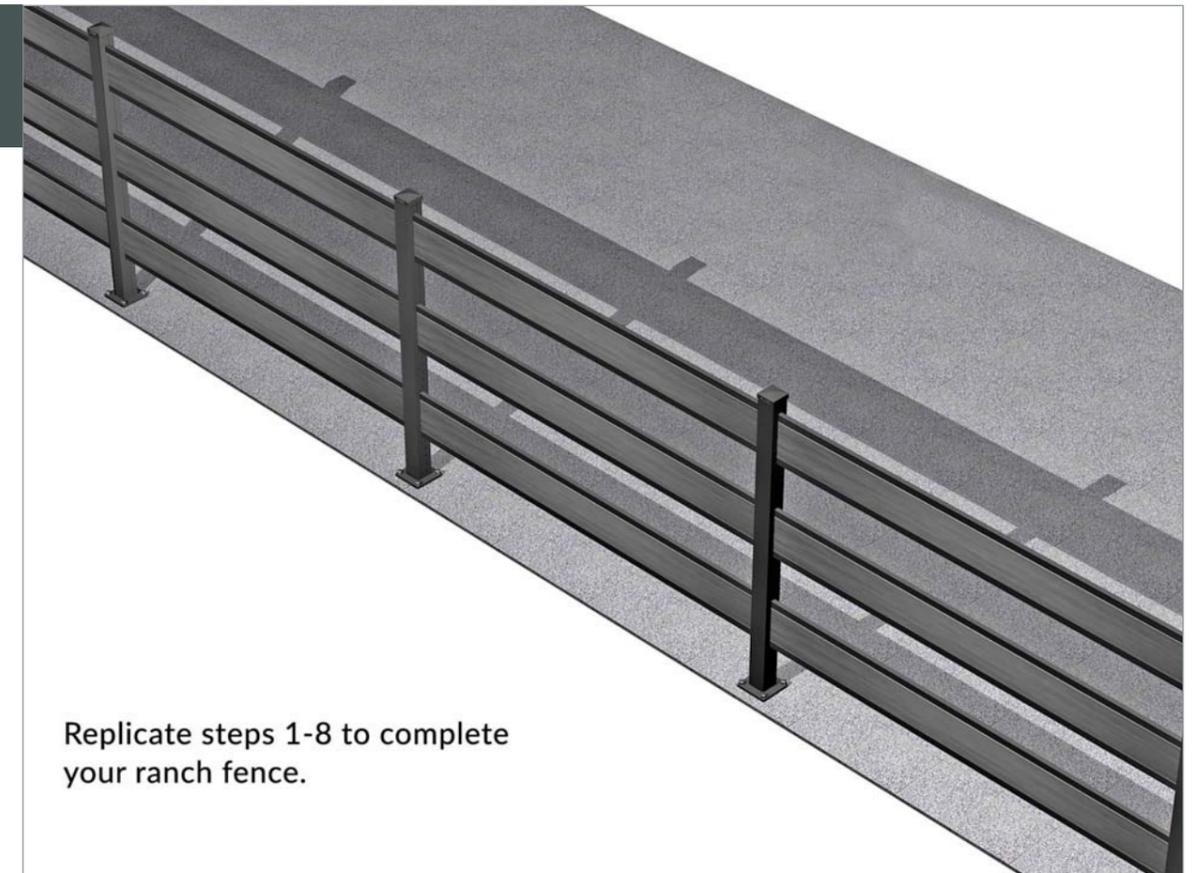
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8



9



Composite Fences by Arbour Landscape Solutions

Retro fit posts



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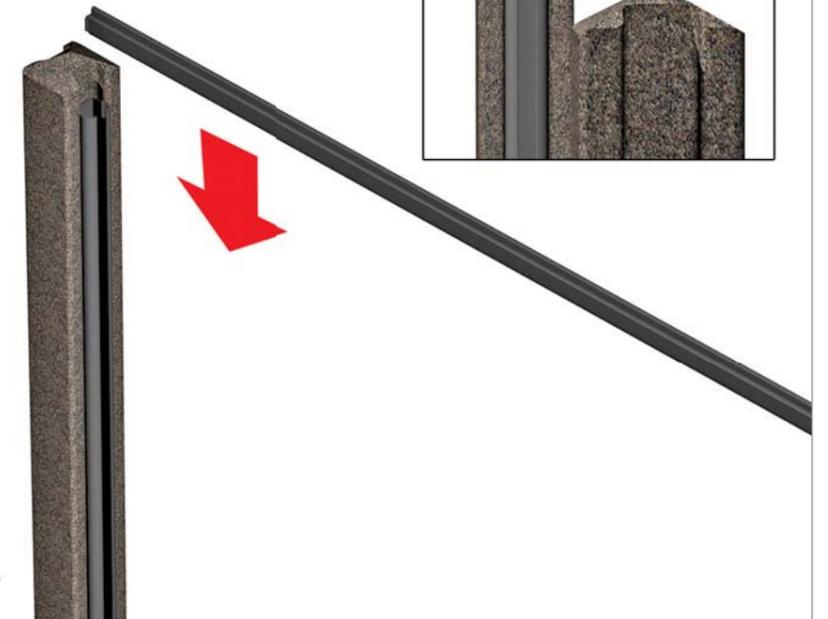
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Attach retro fit post insert to concrete post channel. The insert must be fixed to the post.

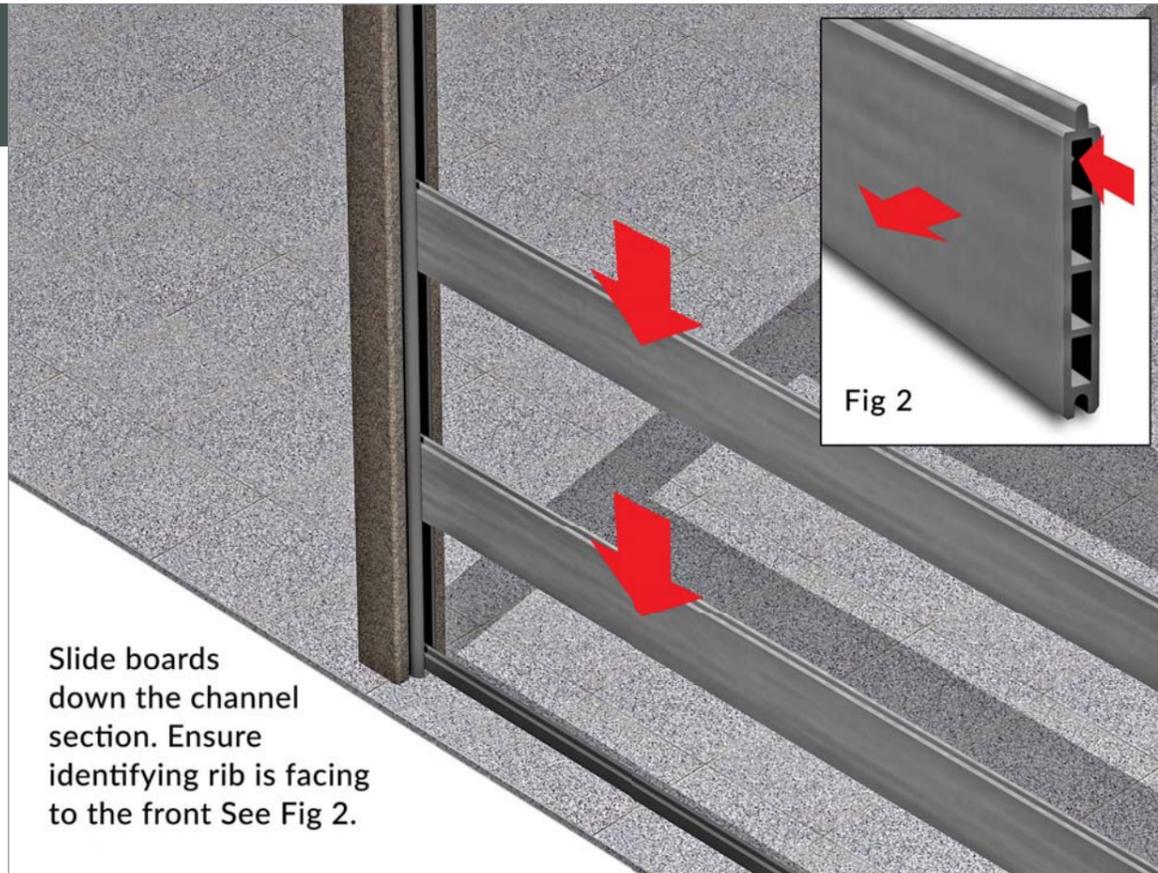


2

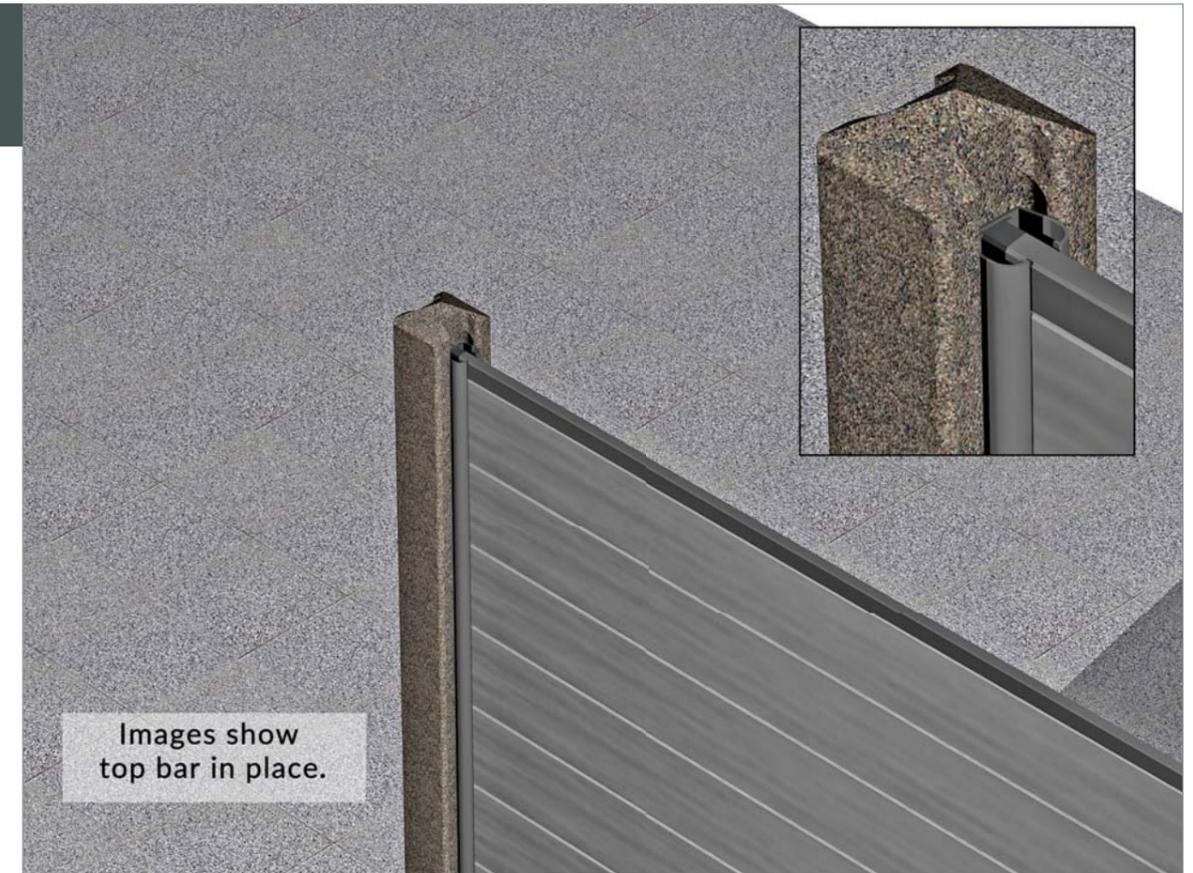
Position bottom bar into the retrofit post insert and slide down to bottom of the post.



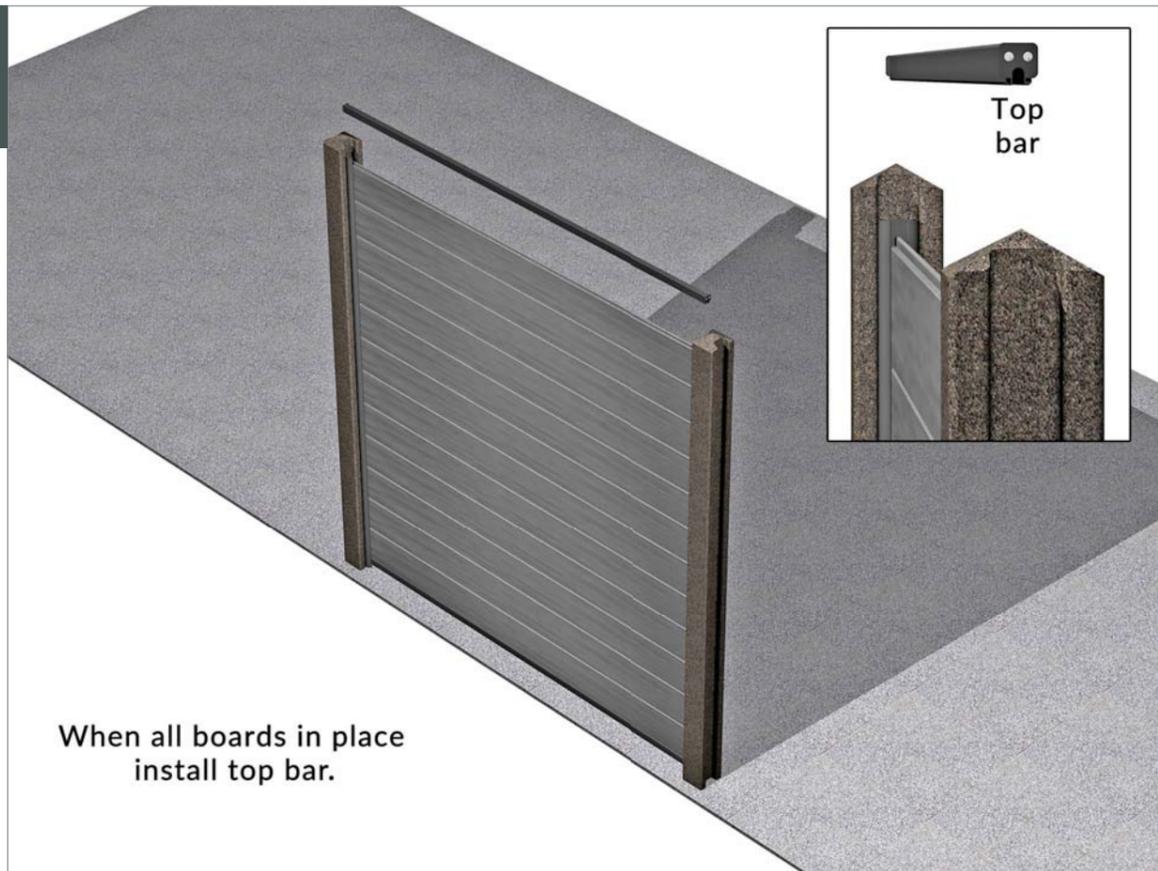
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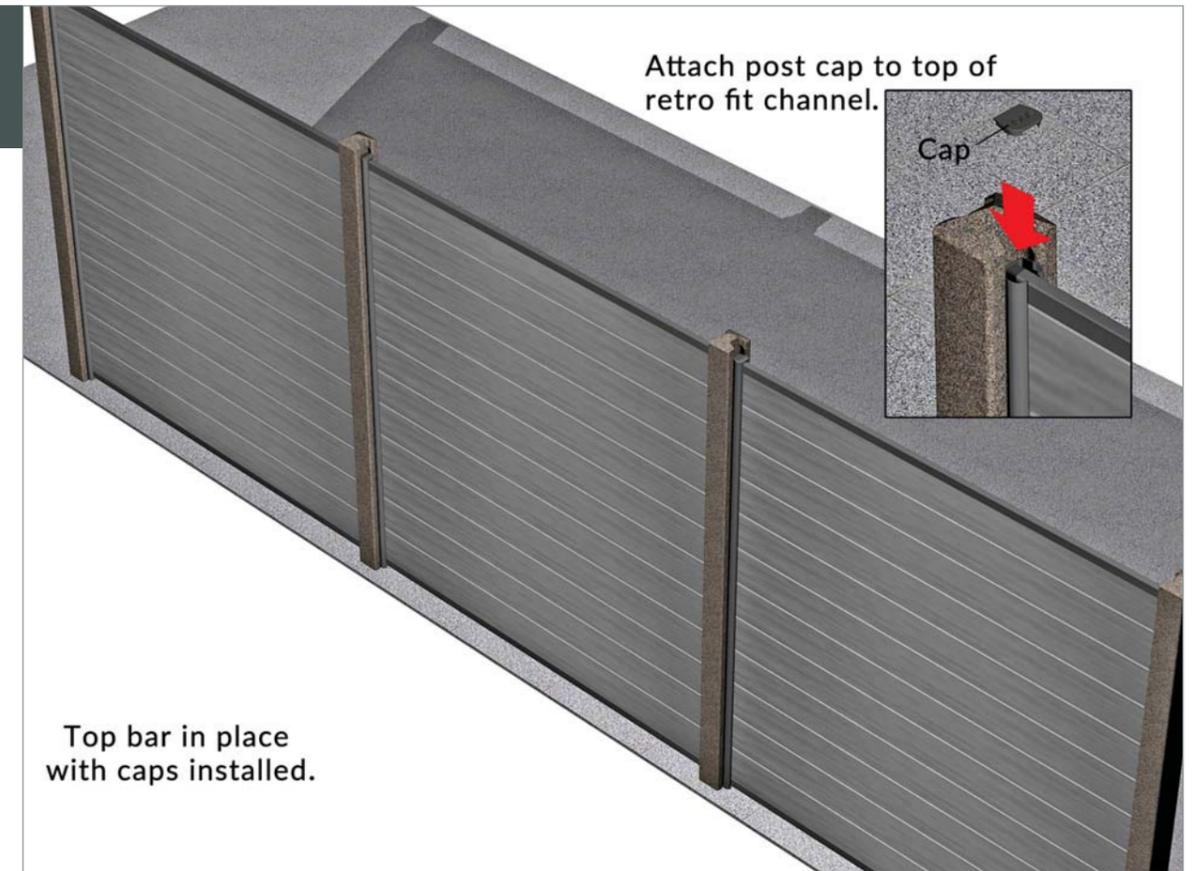
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4



6



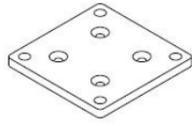
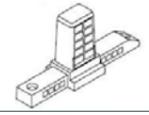
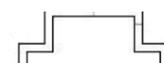
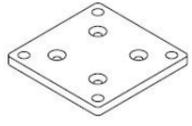
Composite Balustrades by Arbour Landscape Solutions

Straight balustrade

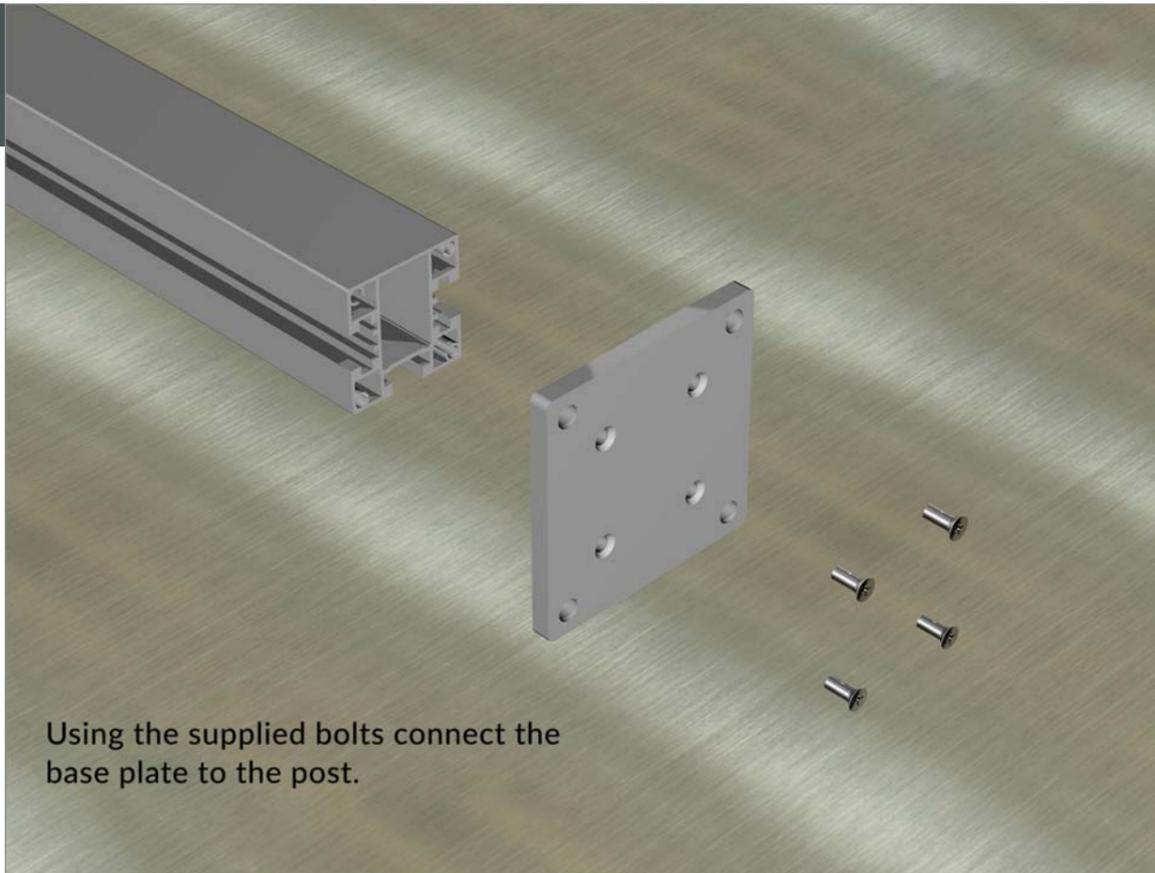


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Component list

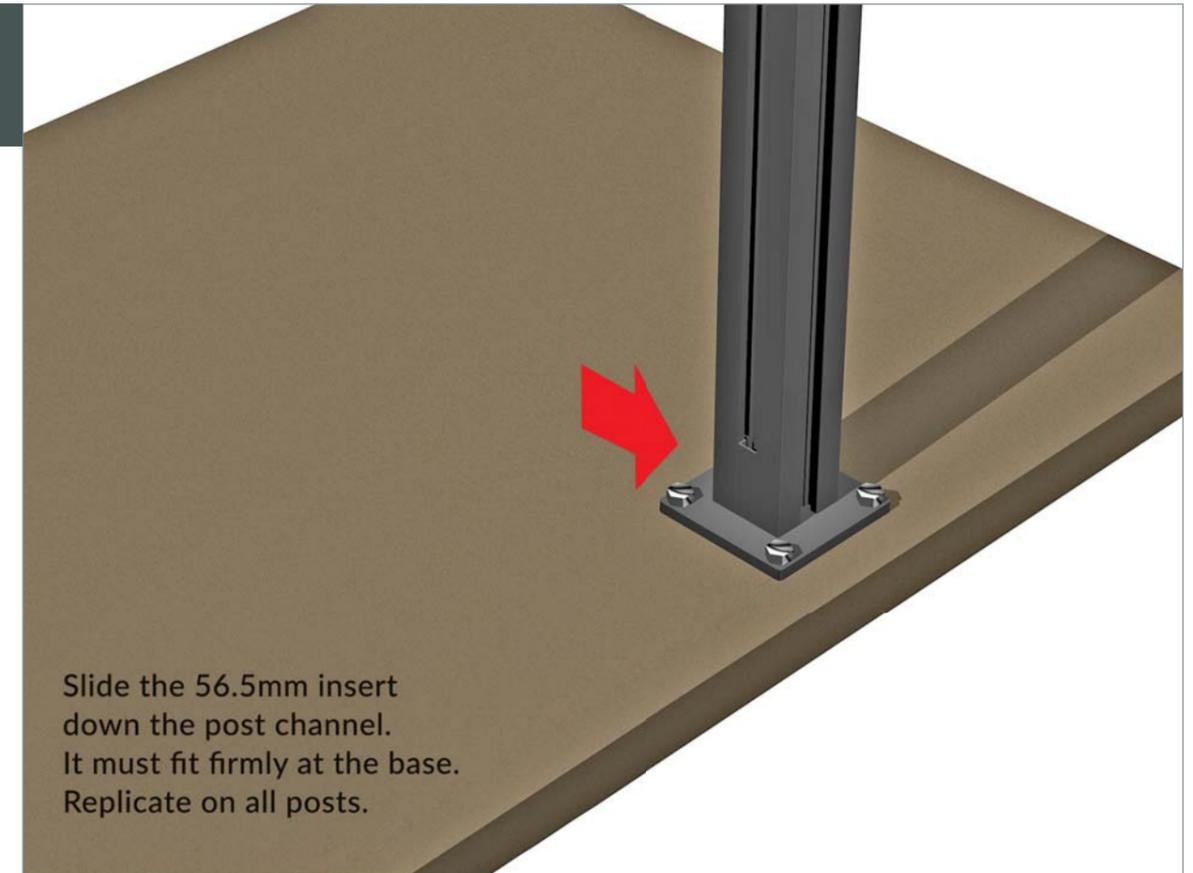
Product Code	Image	Quantity per bay	Product Description	Dimensions	Weight (kg)
FY-BALPOSTKIT1.155		1	1. 1.155m post	70mm x 70mm x 1155mm	3.5
		1	2. Post cap		
		1	3. 983mm Insert		
FY-BALRAIL1.73		1	Top Handrail	173mm x 45mm x 45mm	2.4
		1	Bottom Rail		
FY-BASEPLATE-KIT		1	10mm Base Plate	130mm x 130mm x 10mm	2.5
		4	Bolts to attach baseplate to post		
		4	Concrete fixing bolts		
FY-TBRACKET		26	Angle T Bracket and screws	20mm x 17mm x 36mm	0.035 e.a.
FYFSCCUPBAL-		11	FSC 100% Composite Spindles	955mm x 50mm x 30mm	1.2 e.a.
FY-INSERT0.1195		20	Insert 119.5mm	119.5mm	0.03 e.a.
FY-INSERT0.565MM		4	56.5 mm Insert	56.5mm	0.01 e.a.
FY-INSERT0.105MM		4	105 mm Insert	105mm	0.03 e.a.
Additional finishing post					
FY-BALPOSTKIT1.155		1	Additional post kit as above to finish end of run	70mm x 70mm x 1155mm	3.5
FY-BASEPLATE-KIT		1	Additional baseplate as above to finish run	130mm x 130mm x 10mm	2.5

1



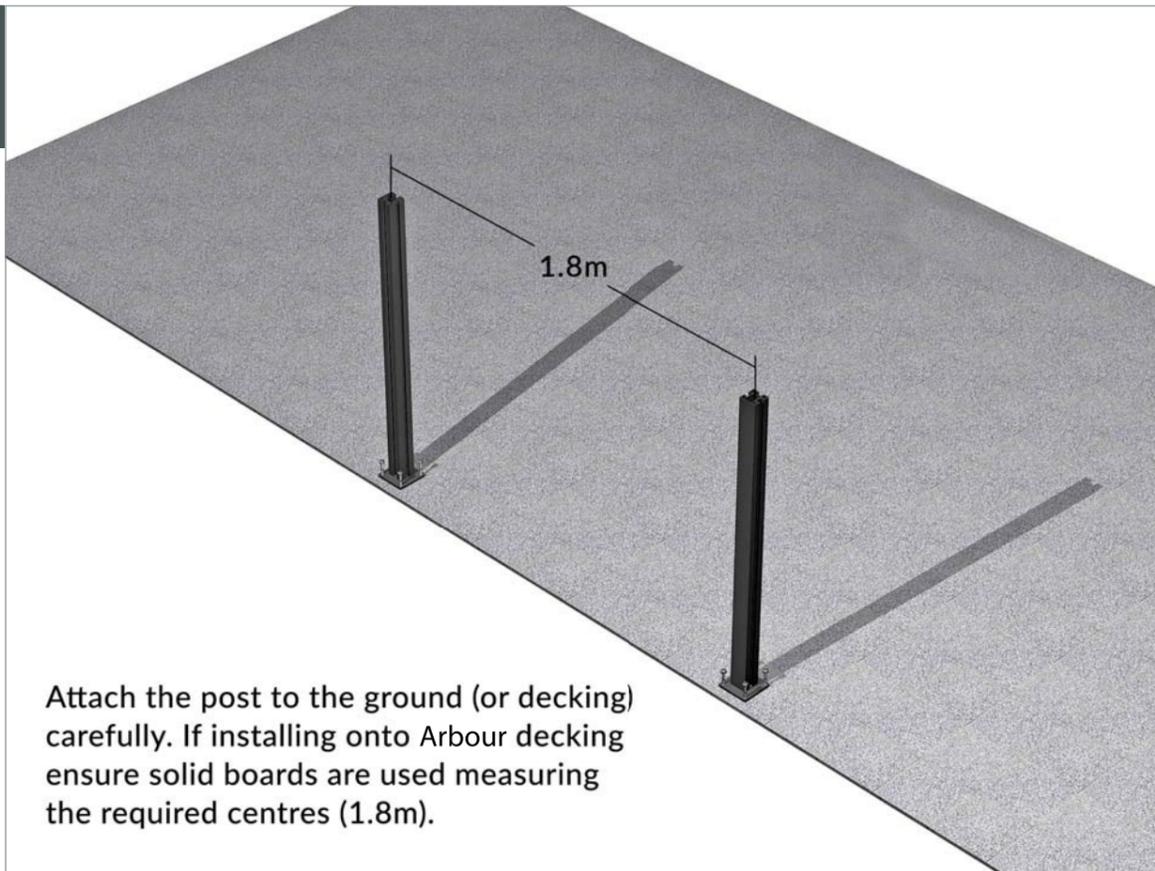
Using the supplied bolts connect the base plate to the post.

3



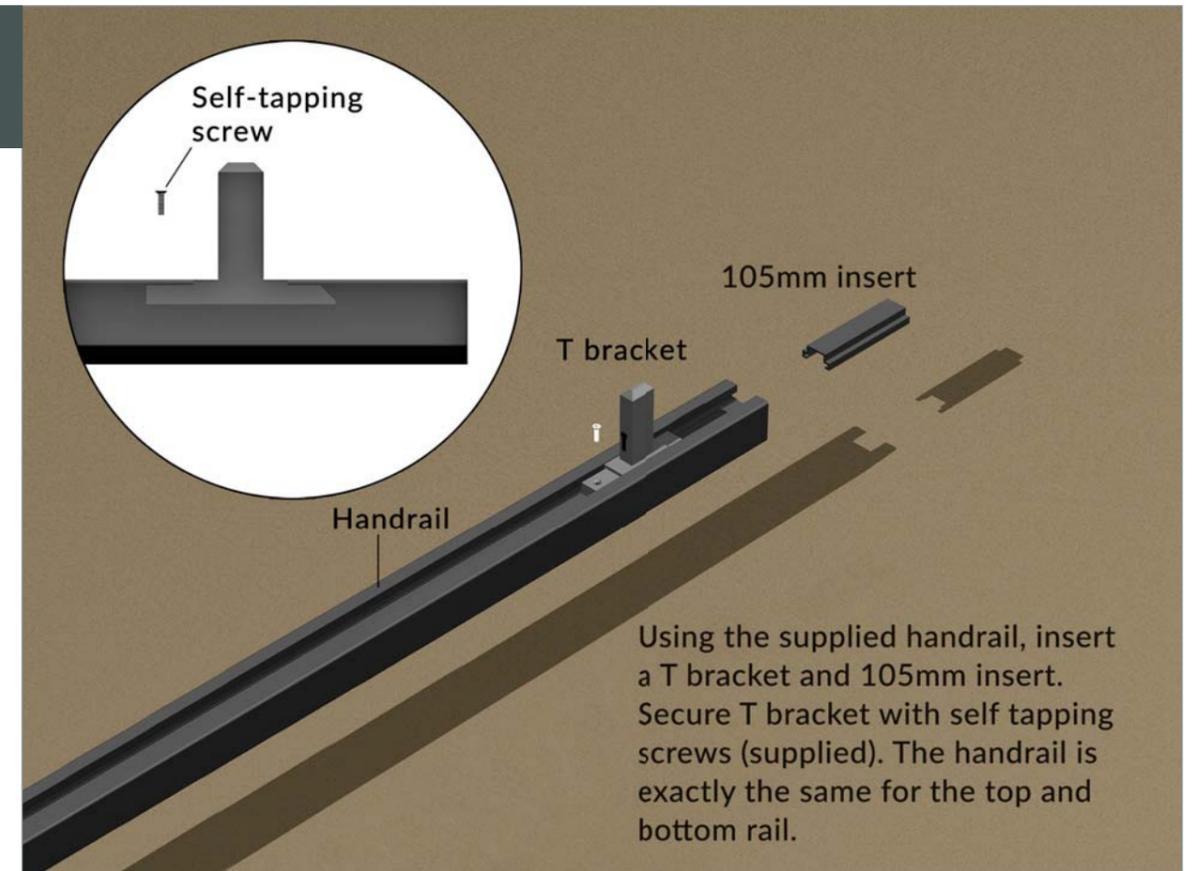
Slide the 56.5mm insert down the post channel. It must fit firmly at the base. Replicate on all posts.

2



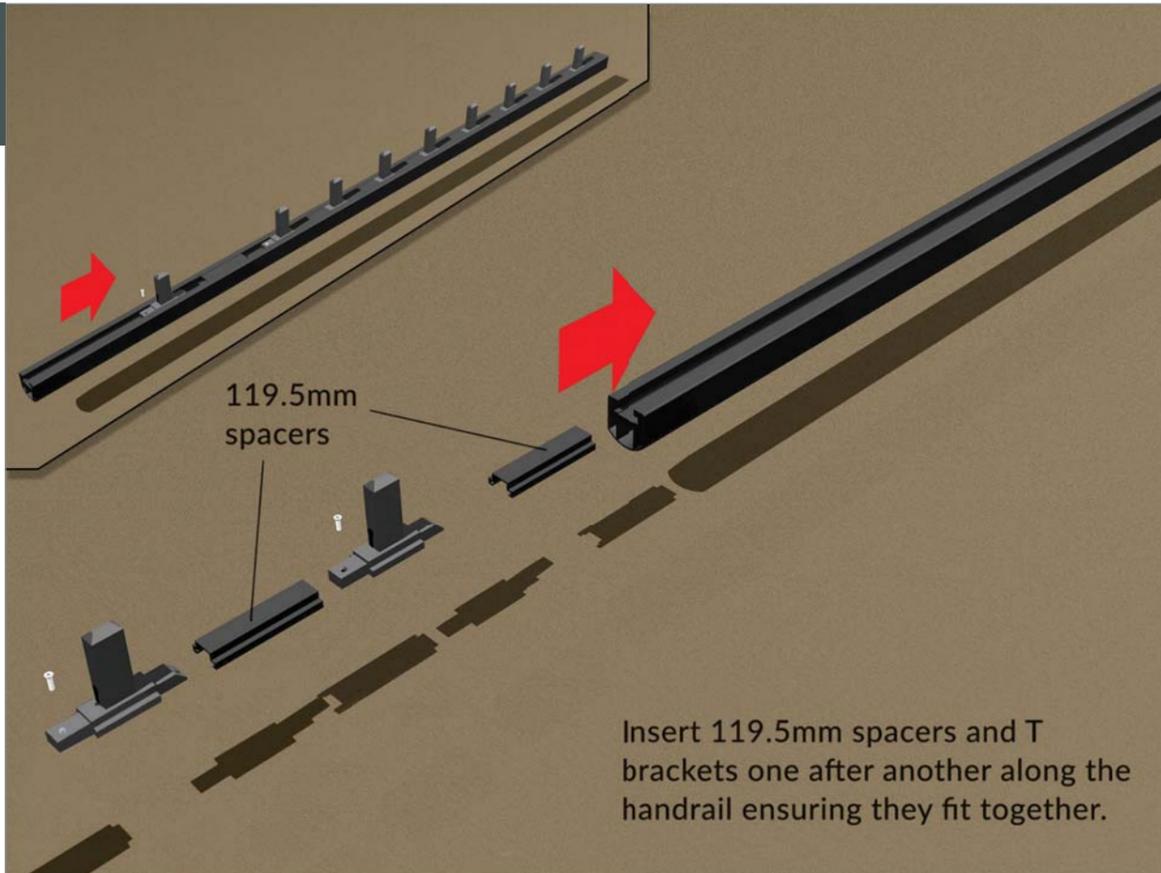
Attach the post to the ground (or decking) carefully. If installing onto Arbour decking ensure solid boards are used measuring the required centres (1.8m).

4

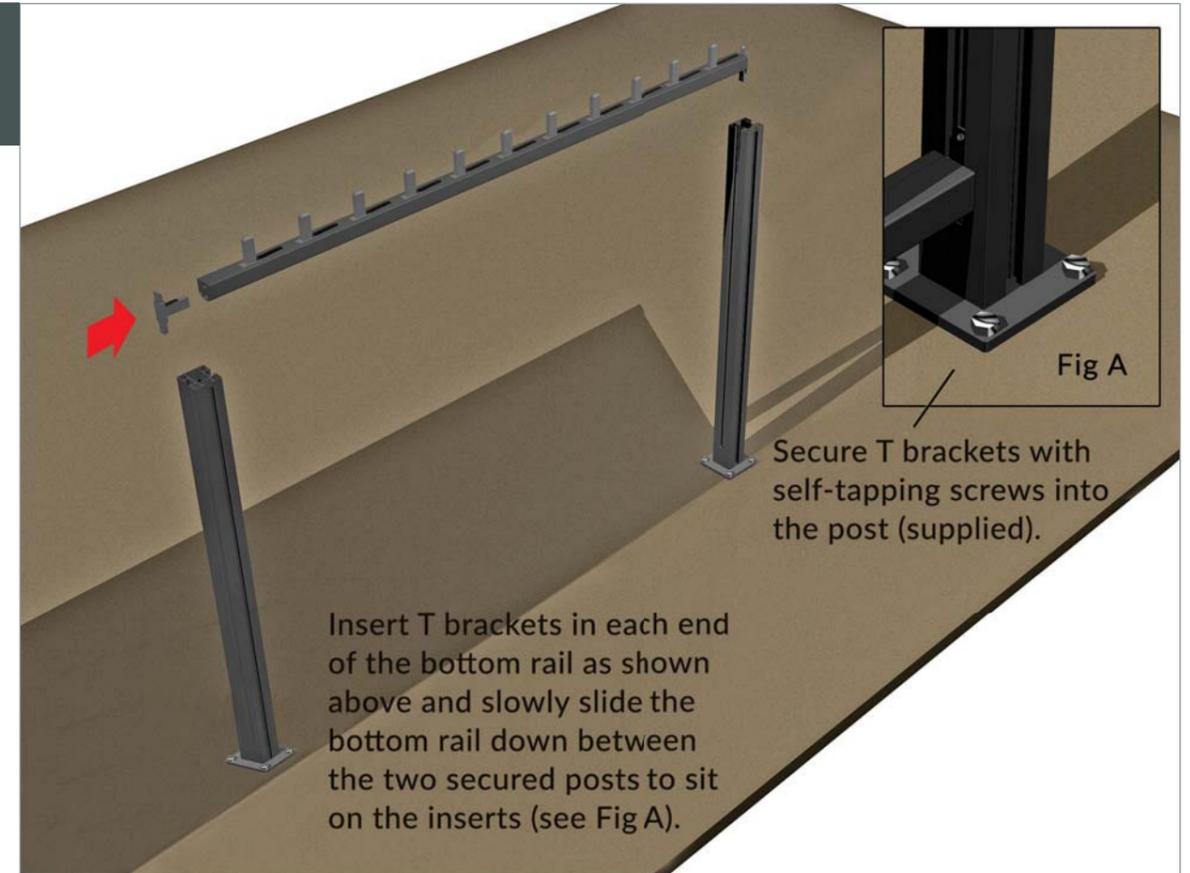


Using the supplied handrail, insert a T bracket and 105mm insert. Secure T bracket with self tapping screws (supplied). The handrail is exactly the same for the top and bottom rail.

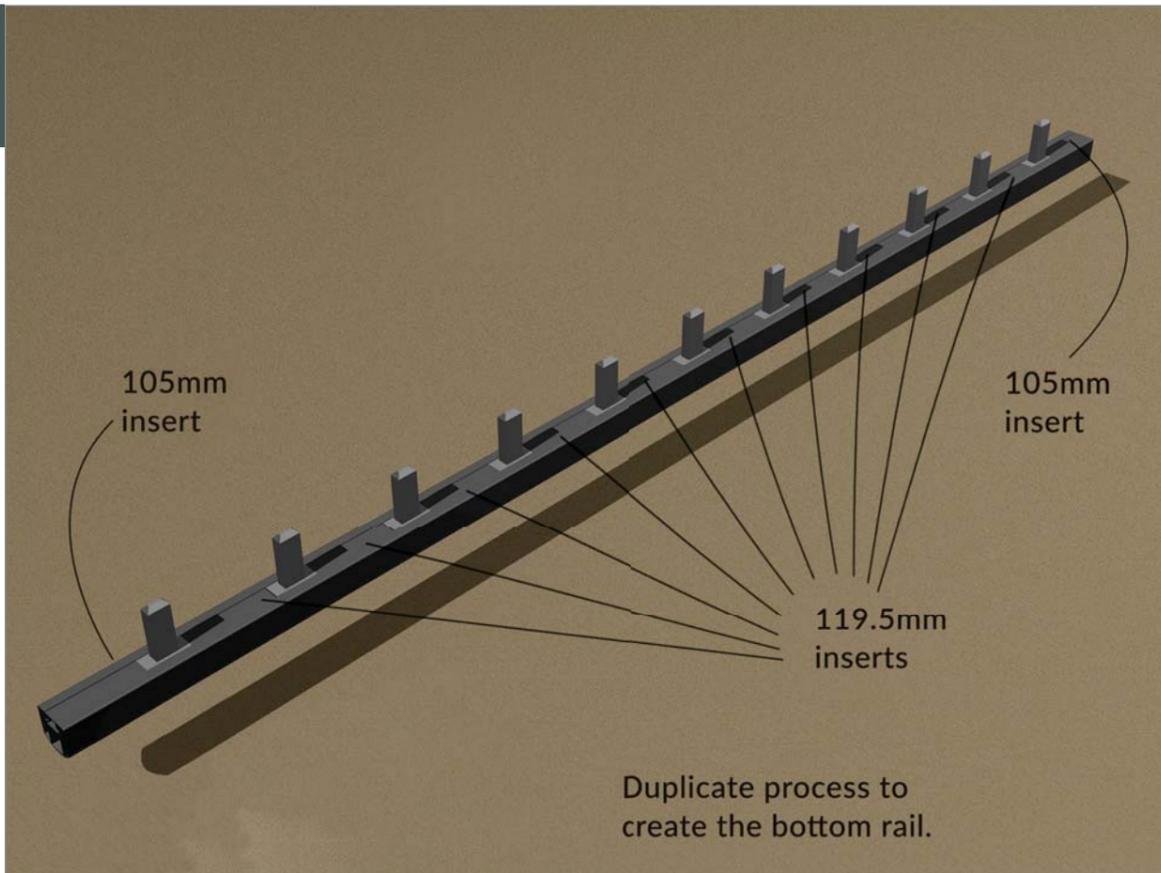
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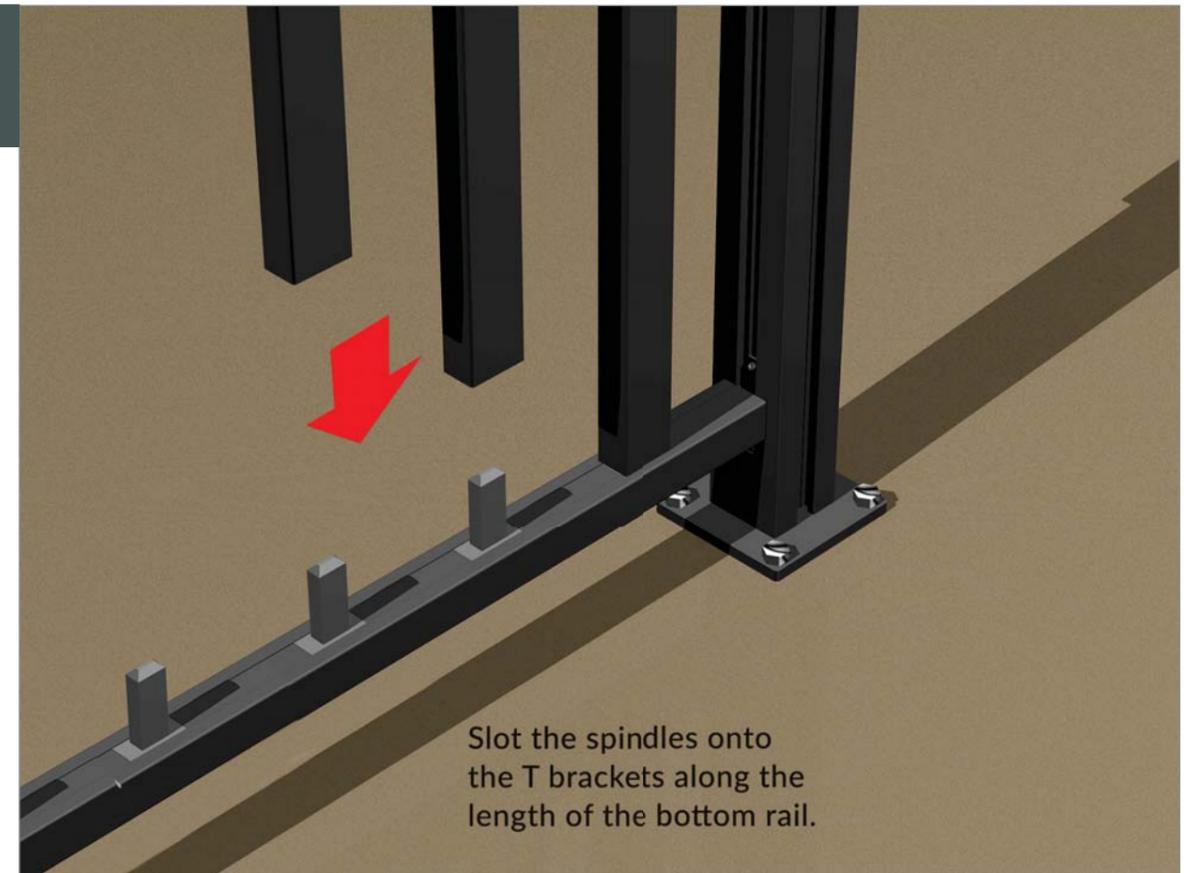
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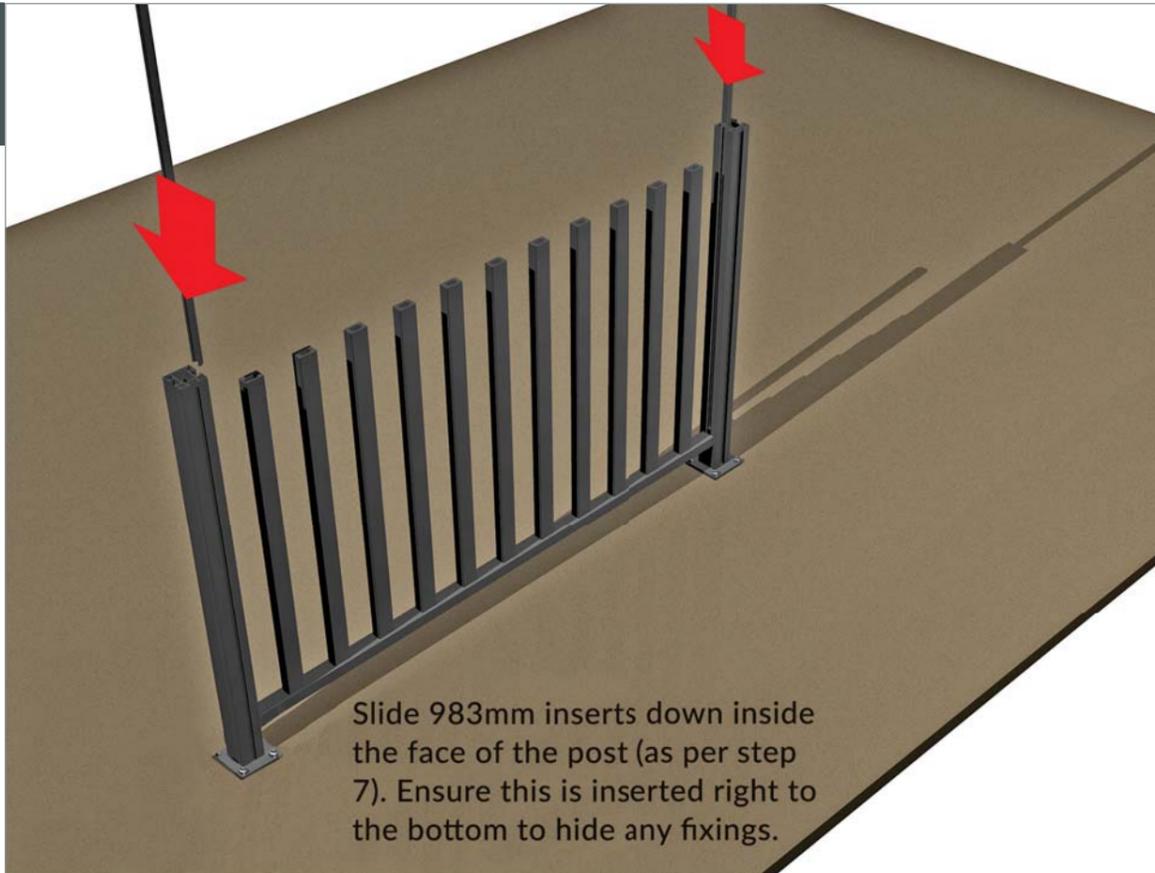
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8

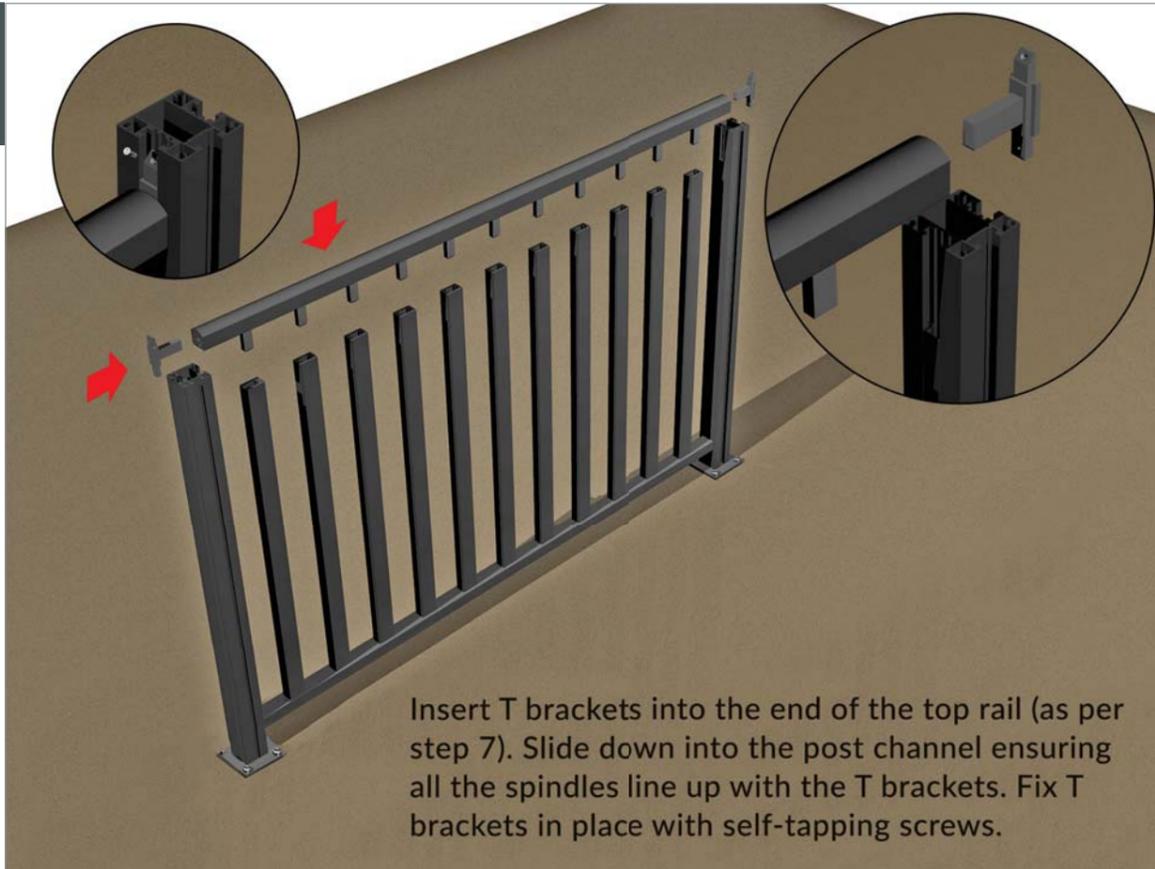


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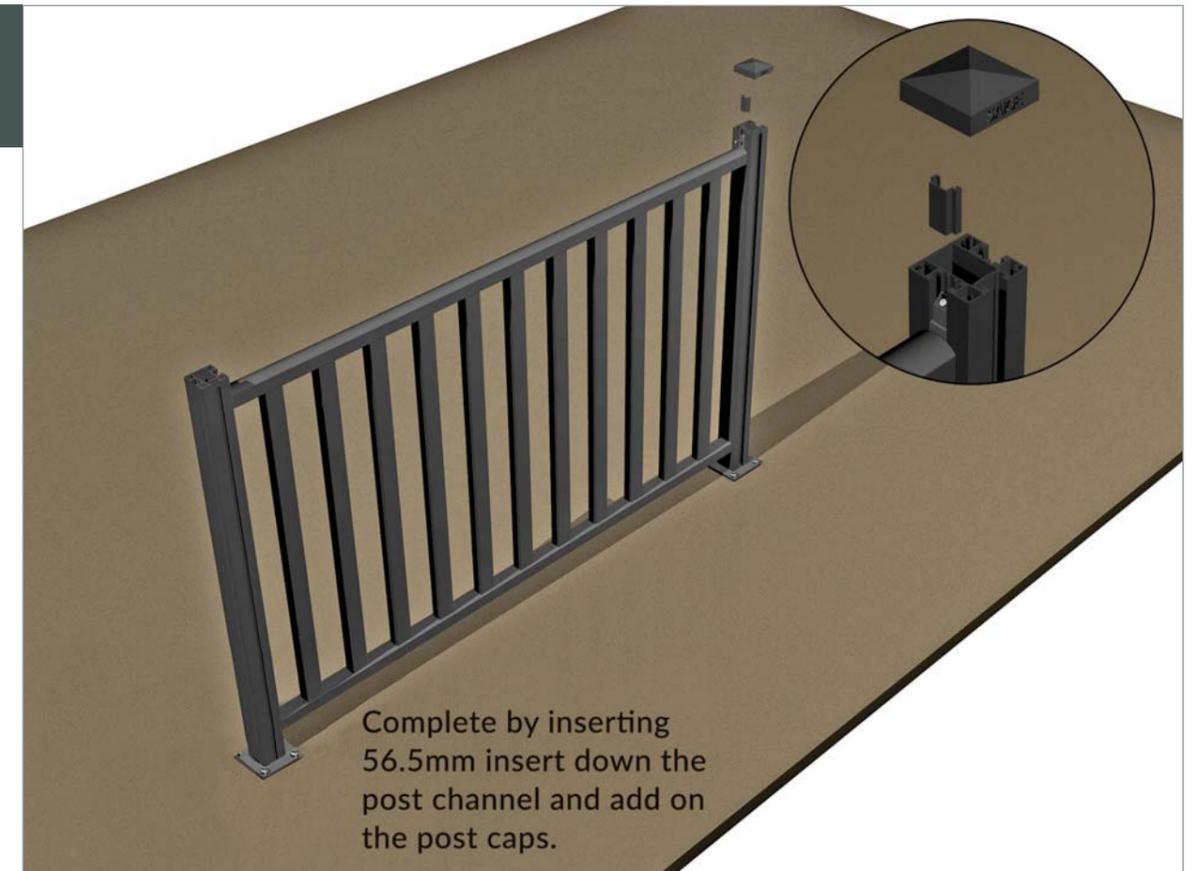
Slide 983mm inserts down inside the face of the post (as per step 7). Ensure this is inserted right to the bottom to hide any fixings.

10



Insert T brackets into the end of the top rail (as per step 7). Slide down into the post channel ensuring all the spindles line up with the T brackets. Fix T brackets in place with self-tapping screws.

11



Complete by inserting 56.5mm insert down the post channel and add on the post caps.

Composite Balustrades by Arbour Landscape Solutions

Staircase balustrade

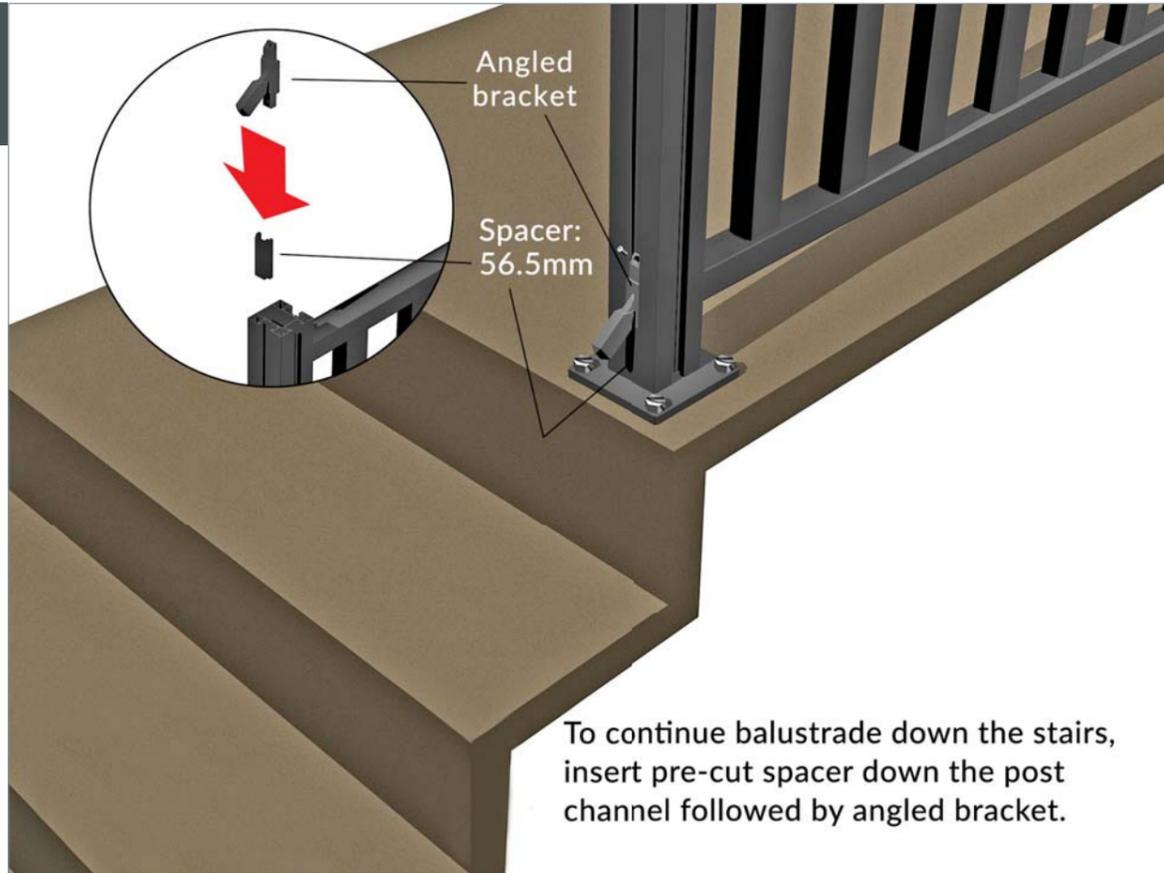


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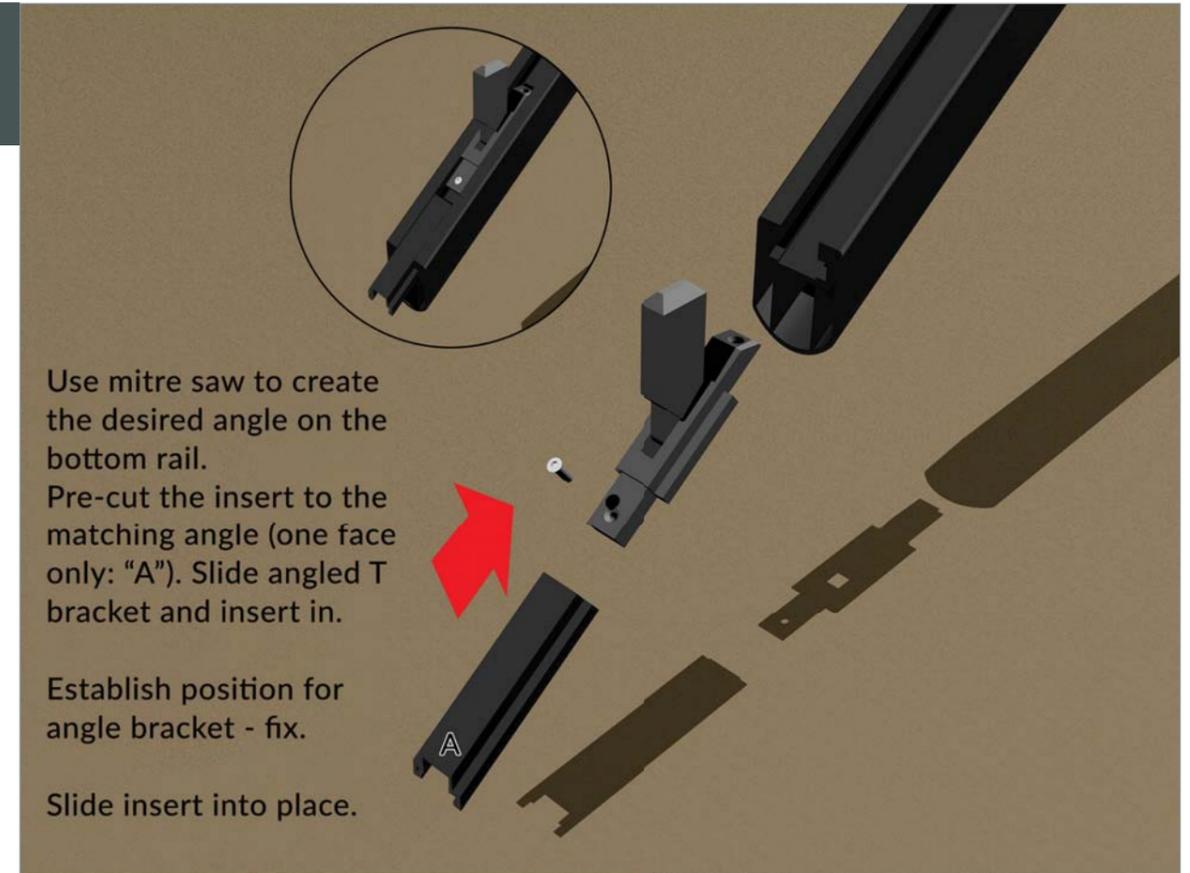
Component list

Product Code	Image	Quantity per bay	Product Description	Dimensions	Weight (kg)
FY-BALPOSTKIT1.200		1	1. 1.200m post	70mm x 70mm x 1200mm	3.7
		1	2. Post cap		
		1	3. 983mm Insert		
FY-BALRAIL1.73		1	Top Rail	173mm x 45mm x 45mm	2.4
		1	Bottom Rail		
FY-BASEPLATE-KIT		1	10mm Base Plate	130mm x 130mm x 10mm	2.5
		4	Bolts to attach baseplate to post		
		4	Concrete fixing bolts		
FY-ANGLETBACKET		26	T Bracket and screws	24mm x 17mm x 48mm	0.05 e.a.
FY-FSCBALSTAIRUP (COFFEE, CHCL, LGREY)		11	1m FSC 100% Composite Spindles	1000mm x 50mm x 30mm	1.26 e.a.
FY-INSERT1.155		3	1 x Insert 1.155mm for post 2 x Insert 1.155mm to cut down for between spindles	1.155m	0.3 e.a.
Additional finishing post					
FY-BALPOSTKIT1.200		1	Additional post kit as above to finish end of run	70mm x 70mm x 1200mm	3.7
FY-BASEPLATE-KIT		1	Additional baseplate as above to finish run	130mm x 130mm x 10mm	2.5

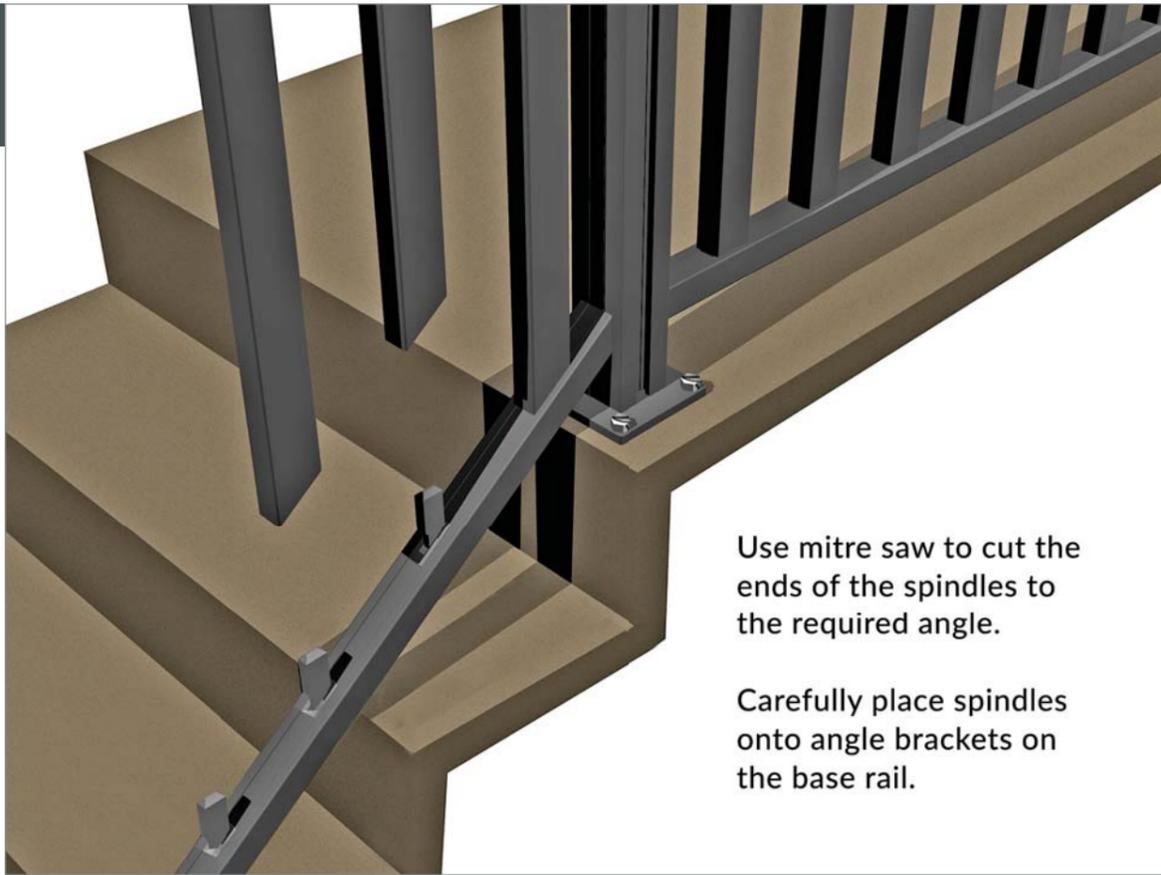
1



2



3



Use mitre saw to cut the ends of the spindles to the required angle.

Carefully place spindles onto angle brackets on the base rail.

4

Make post B in diagram as Step 1 - but do not fix in place.

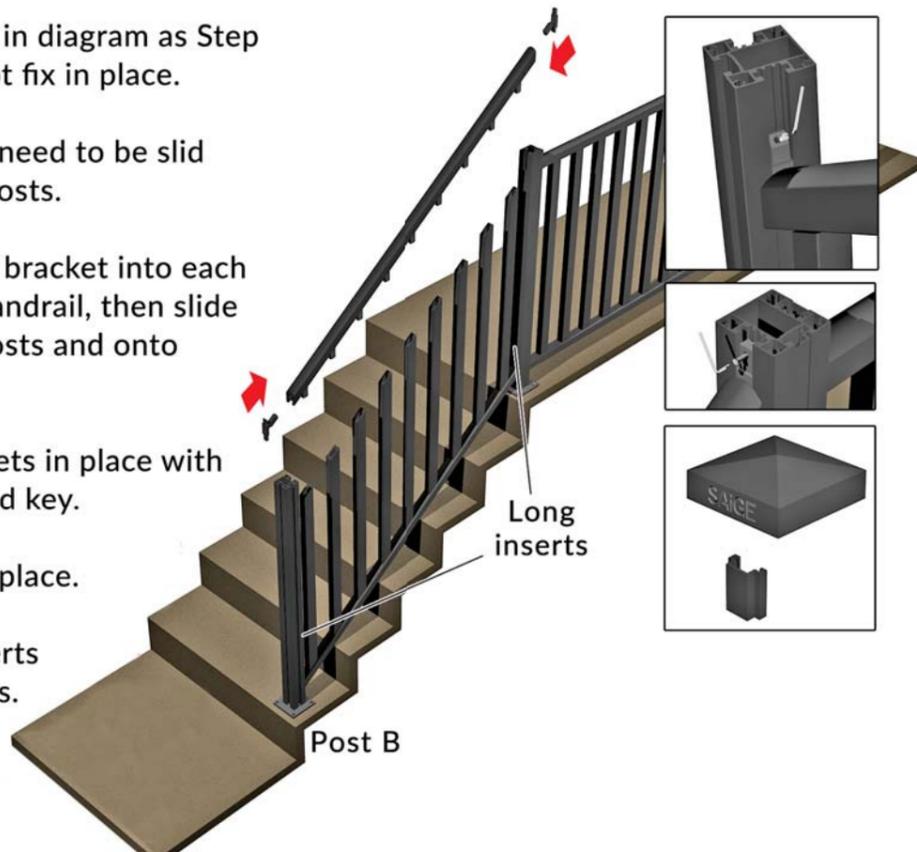
Long inserts need to be slid down both posts.

Slide angle T bracket into each end of the handrail, then slide down into posts and onto spindles.

Lock T brackets in place with Allen pins and key.

Fit post B in place.

Fit small inserts and post caps.

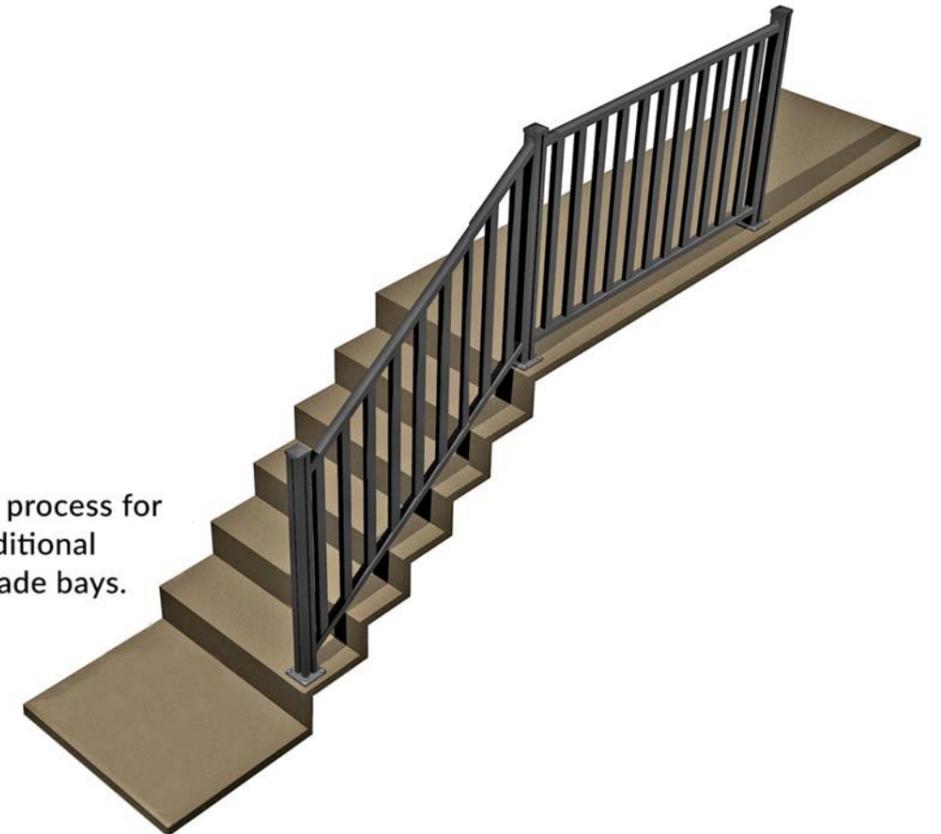


Long inserts

Post B

5

Repeat process for any additional balustrade bays.

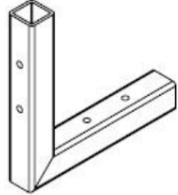
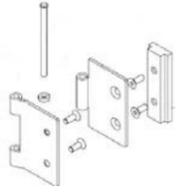
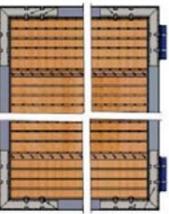


Composite Gates by Arbour Landscape Solutions

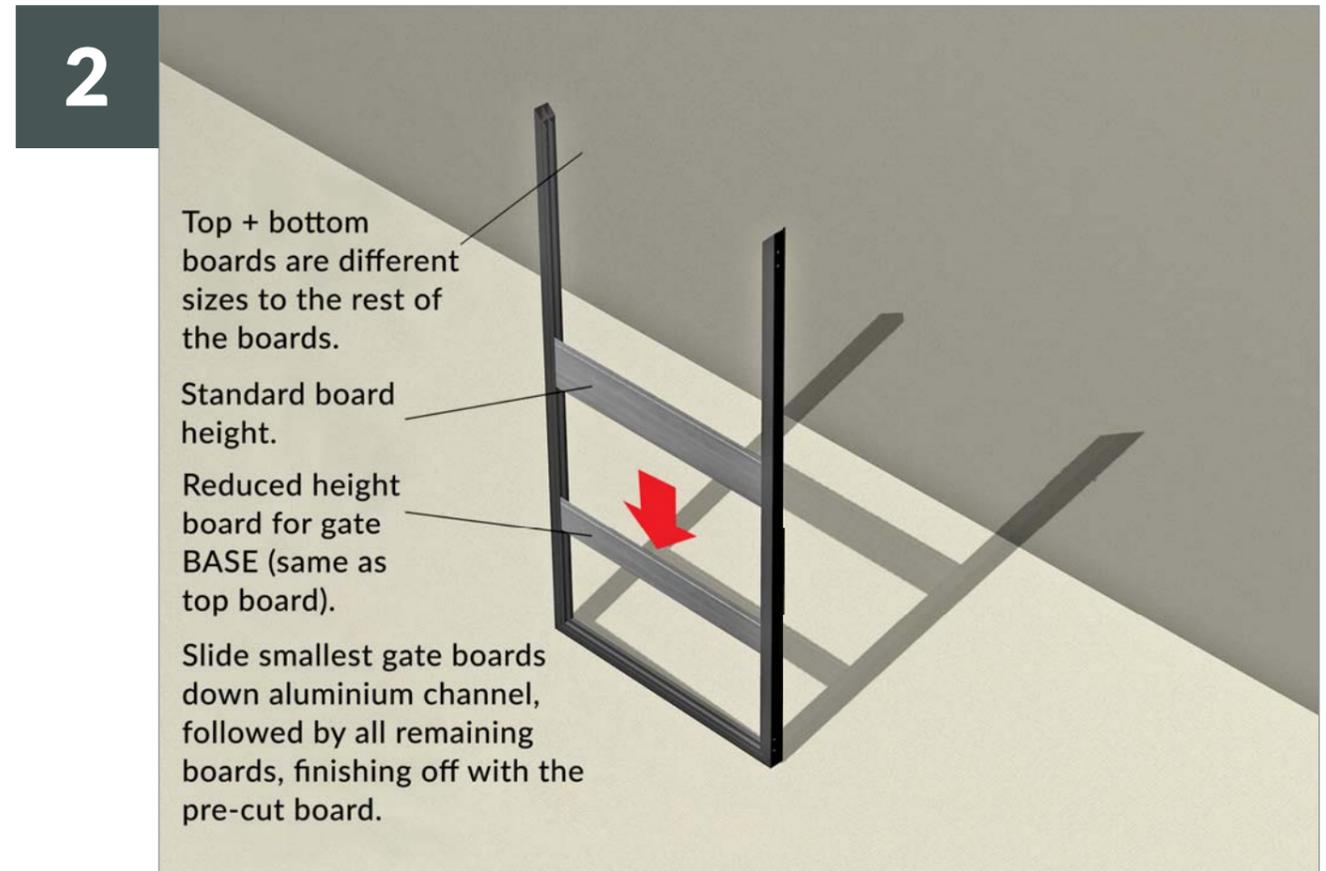
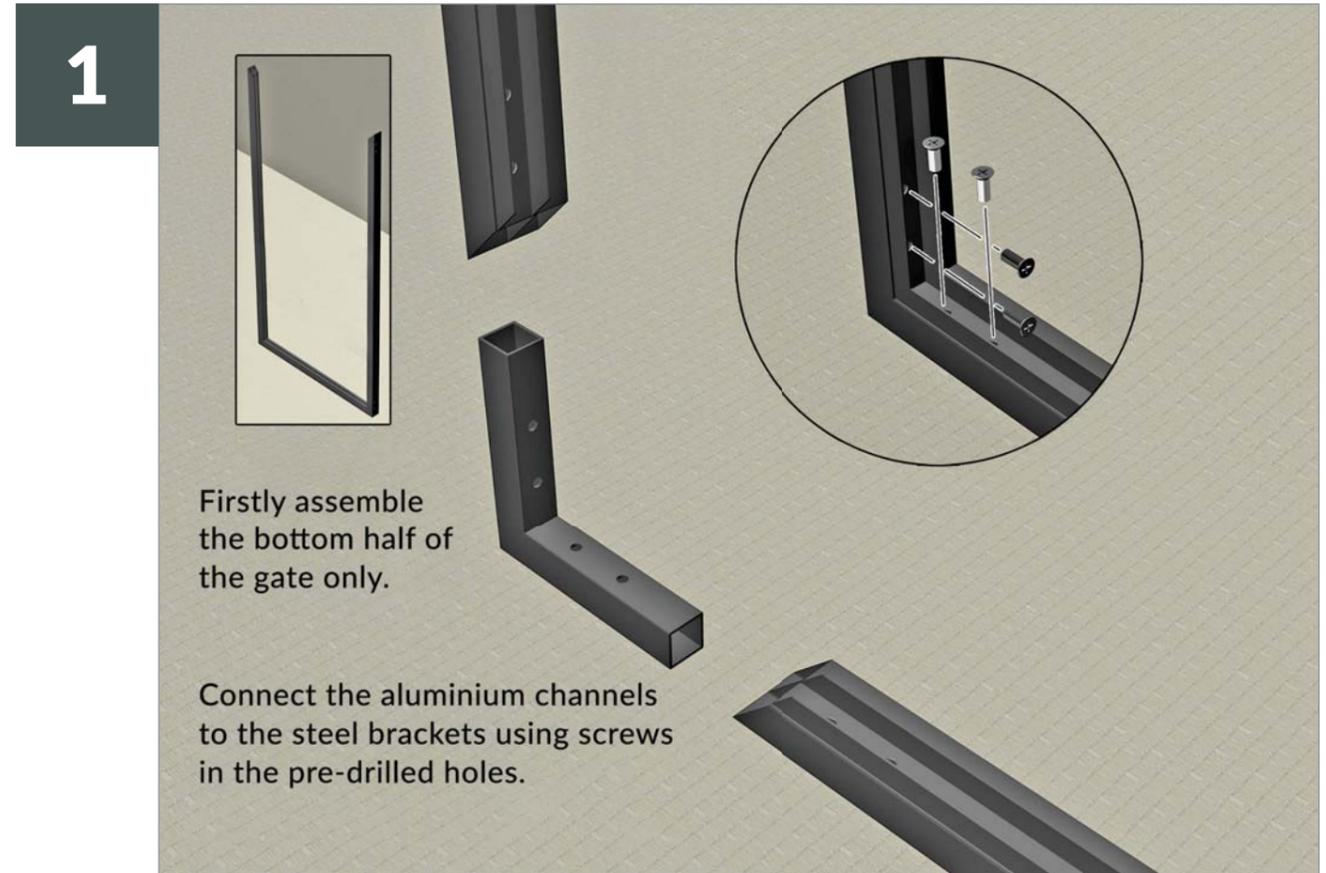


ARBOUR
LANDSCAPE SOLUTIONS
Composite Products

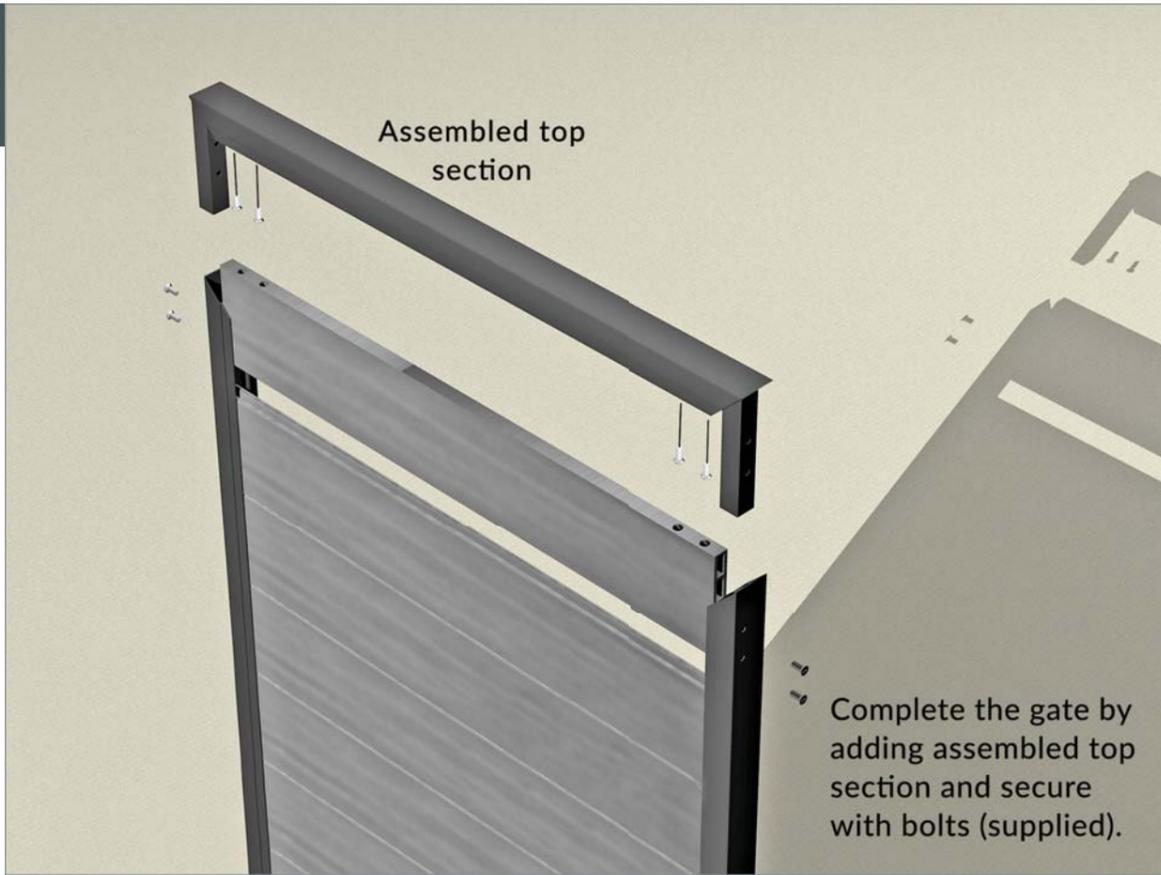
Component list

Product Code	Image	Quantity per bay	Product Description	Dimensions	Weight (kg)
FY-ALUGATE-1.757		2	Sides of standard gate	175.7mm long	1.5
FY-90ANGLEBRACKET		4	Angle bracket to connect gate extrusion		2 e.a.
FY-GATEHINGE		2	Gate hinge	88mm x 50mm	0.4
FY-ALUGATE0.887		1	Bottom Rail	88.7mm long	0.77
		1	Top Rail		
FY-M6X16-BUTTONHEAD		1 pack	Screws to connect gate extrusions and brackets (one pack contains 16 screws)		0.075

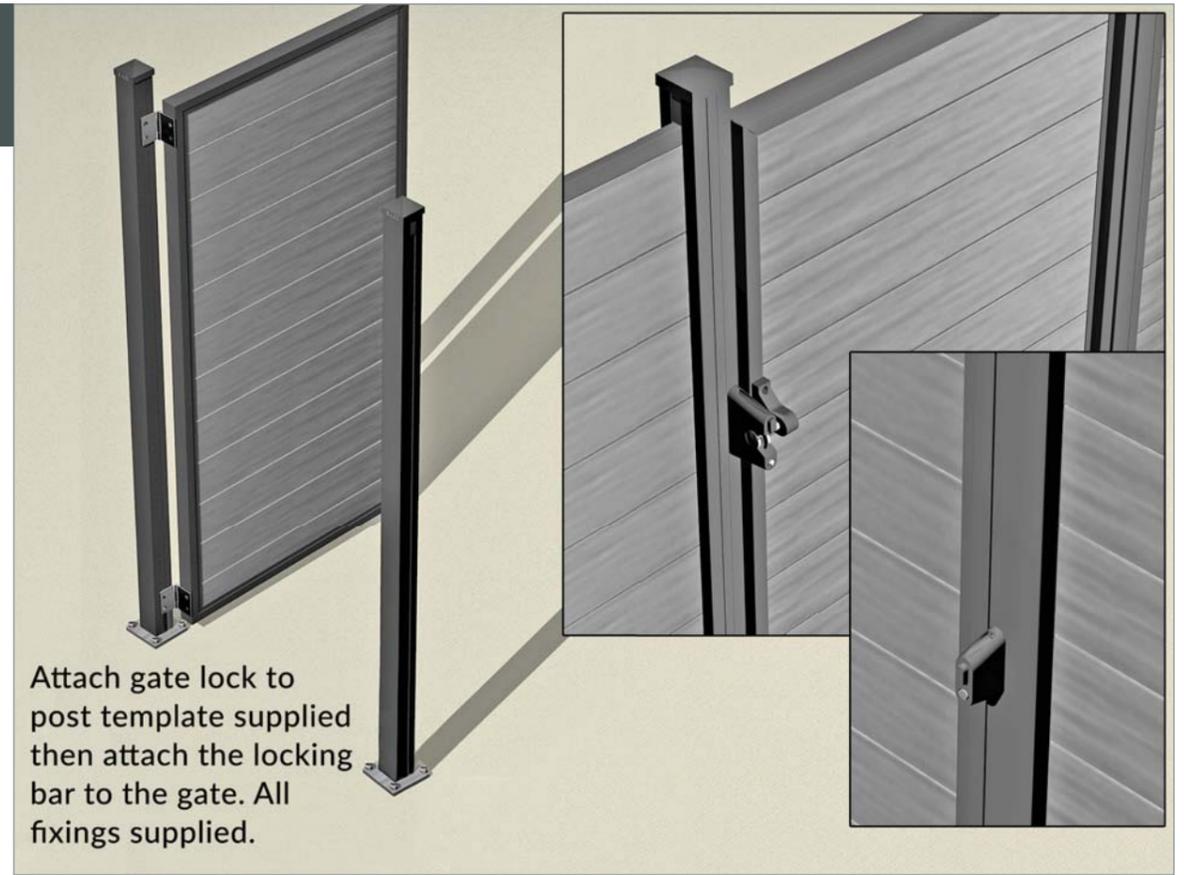
FY-FSCGATEBOTTBOARD (Colour required)		1	FSC 100% Composite Bottom Gate Board	103mm x 824mm x 19.5mm	1.7
FY-FSCGATEBOARD (Colour required)		10	FSC 100% Composite Gate Boards	145mm x 824mm x 19.5mm	1.9 e.a.
FY-FSCGATETOPBOARD (Colour required)		1	FSC 100% Composite Top Gate Board	145mm x 824mm x 19.5mm	1.75
FY-ALUKIT2.4		1	<ol style="list-style-type: none"> 1. 2.4m post 2. Post cap 3. 1.815m Insert 4/5. 55mm & 20mm Insert (dependant on finished fence height) 	70mm x 70mm x 2400mm	7.4
FY-GATELOCK	(See separate drawing in lock packaging)	1	Gate Lock		



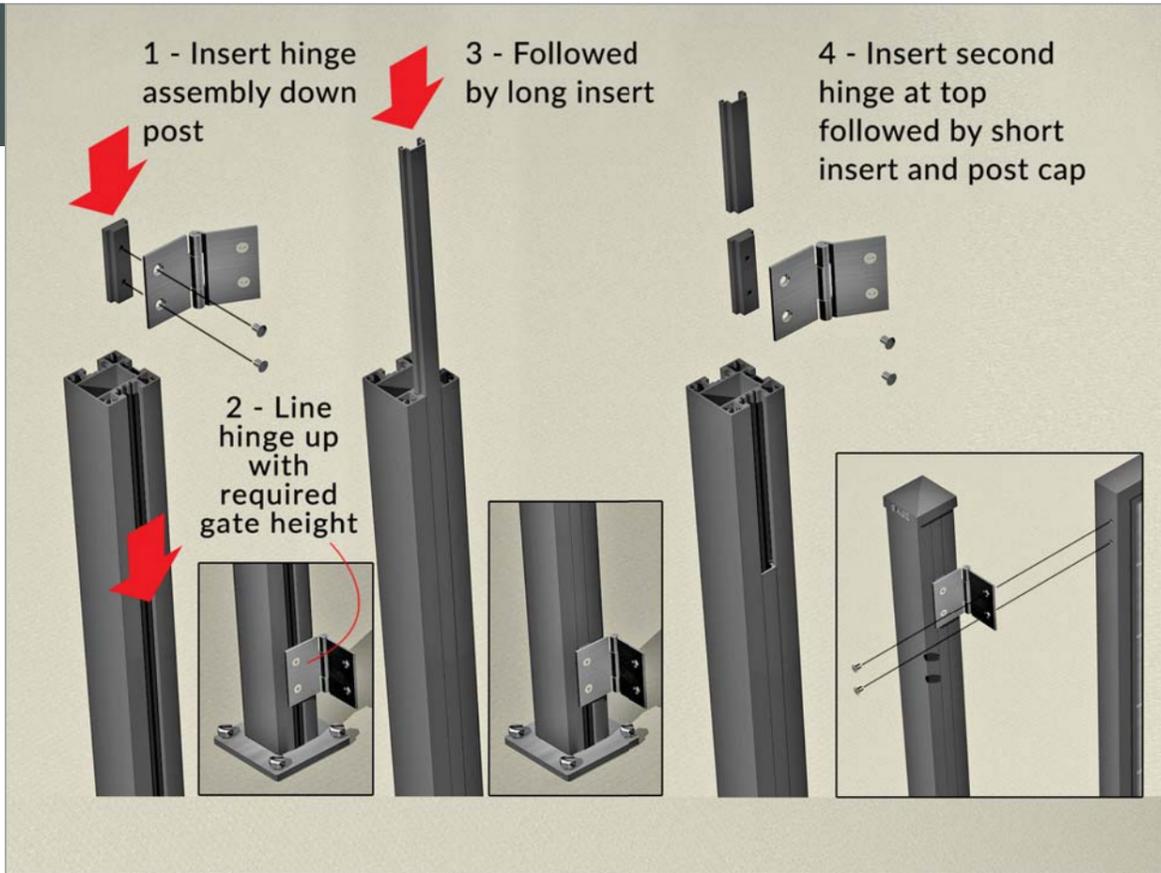
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