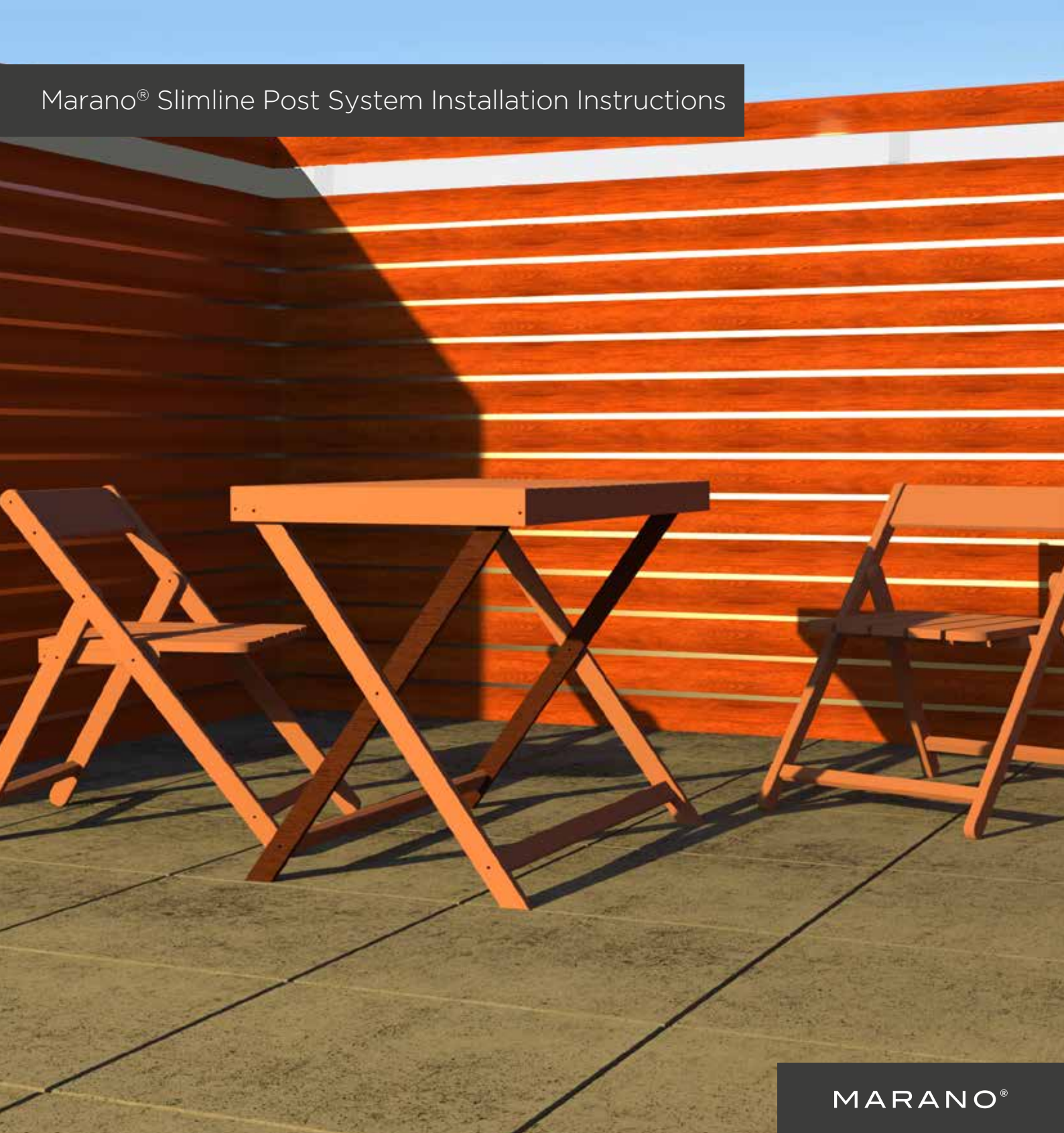


Marano® Slimline Post System Installation Instructions

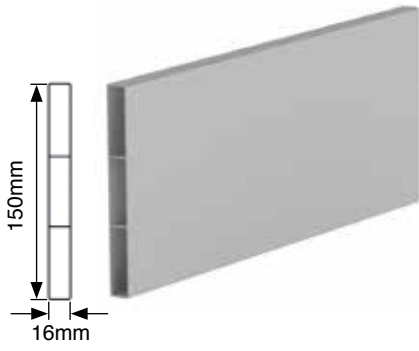


MARANO®

LIGHT · STYLE · VISION

Fully modular aluminium fencing system

PARALLEL (p2-3)



- Mill Finish
76S005R

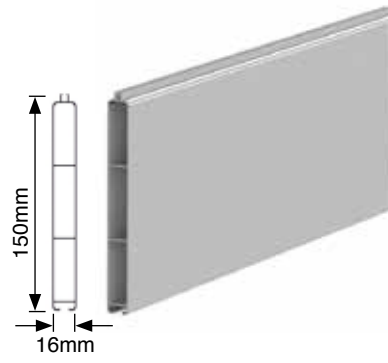
- Basalt Grey
76S005A

- Golden Oak
76S005O

- Serengeti Sand
76S005SS

- Light Sage
76S005LS

CONNECT (p4-5)



- Mill Finish
76S006R

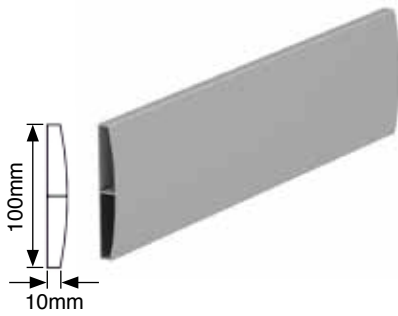
- Basalt Grey
76S006A

- Golden Oak
76S006O

- Serengeti Sand
76S006SS

- Light Sage
76S006LS

CONVEX (p6-7)

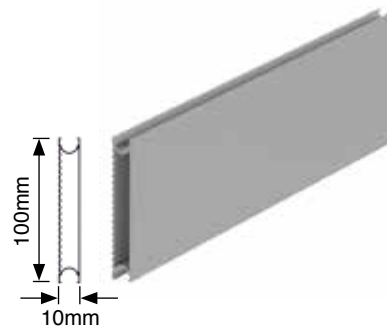


- Mill Finish
76S001R

- Basalt Grey
76S001A

- Golden Oak
76S001GO

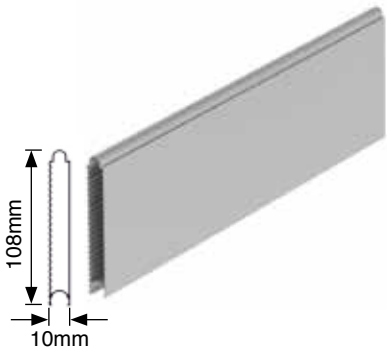
ELEMENTS (p8-9)



- Basalt Grey
76S003A

- Golden Oak
76S003GO

STRIPE (p10-11)



- Mill Finish
76S002

- Basalt Grey
76S002A

- Golden Oak
76S002GO

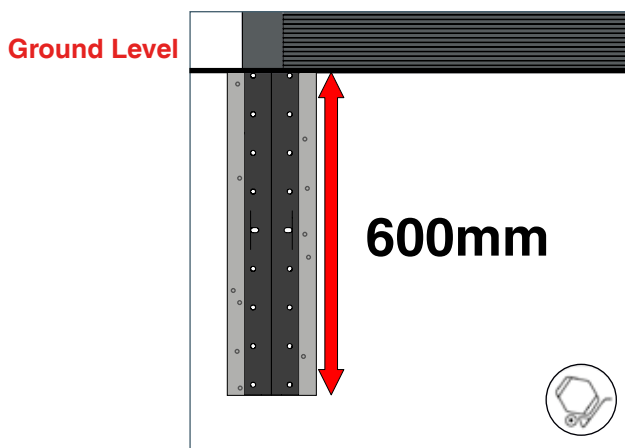
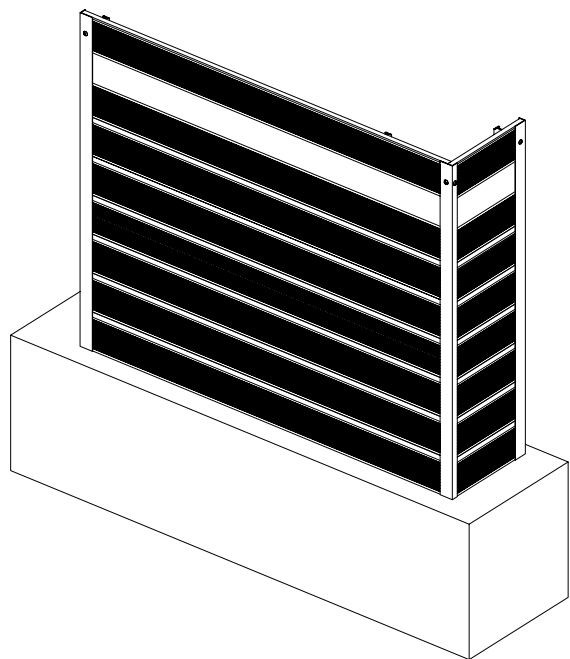
N.B. We offer a Mill finish for you to powder coat to any colour you wish.



	SLIMLINE POST	STANDARD POST*
BREEZE	-	✓
CONNECT	✓	✓
CONVEX	✓	✓
ELEMENTS	✓	✓
PARALLEL	✓	✓
STRIPE	✓	✓

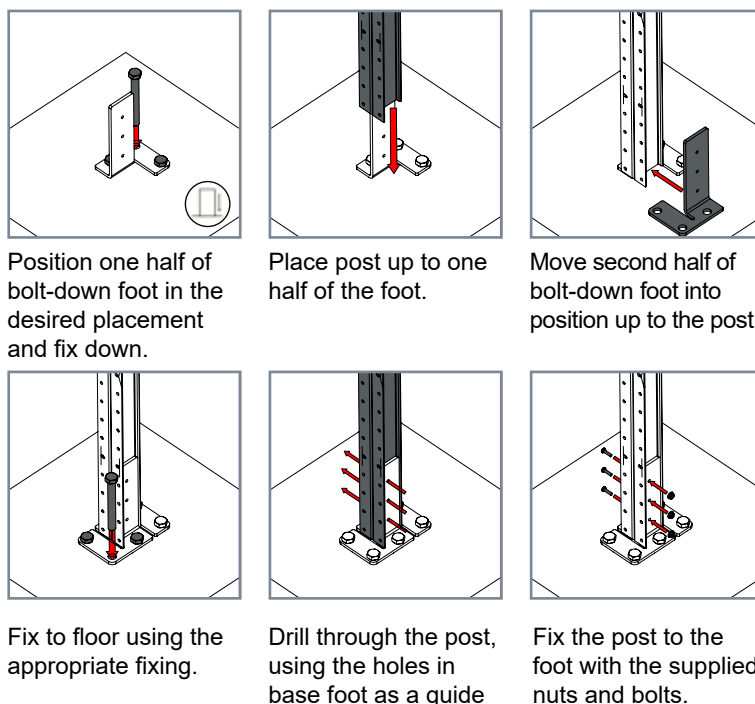
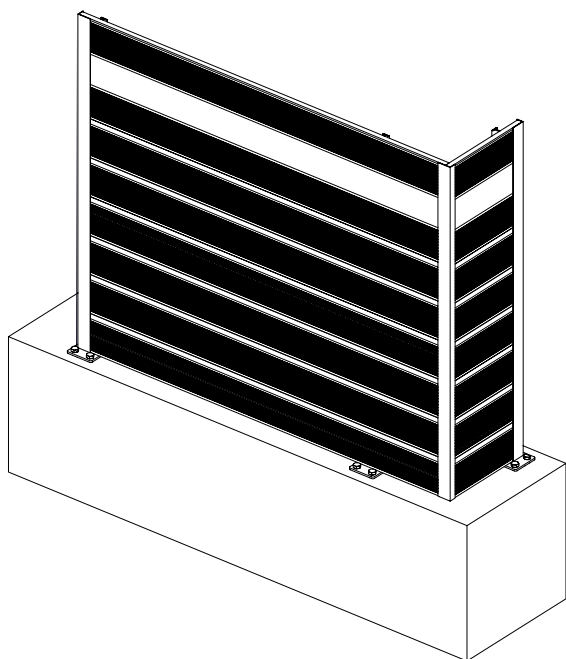
*For Marano Post instructions please refer to separate instructions manuals available.

Concrete-In Posts



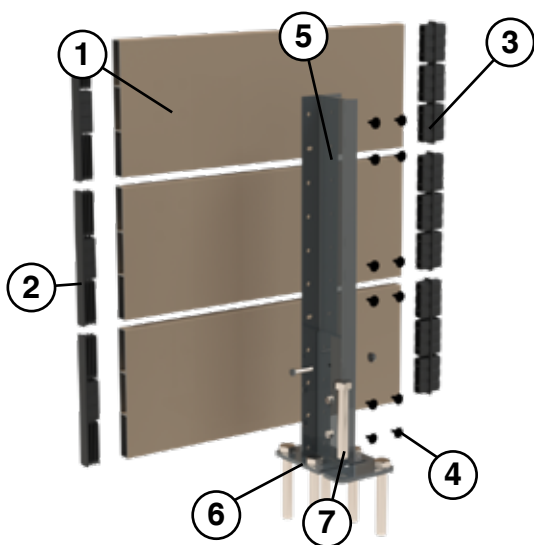
Overall Height mm	Ground Clearance mm	Concrete-In mm	Post Size H x W x D mm	Code
1210	10	600	1800 x 48 x 51	76DP12iA or 76DP12i
1810	10	600	2400 x 48 x 51	76DP18iA or 76DP18i

Bolt-Down Posts

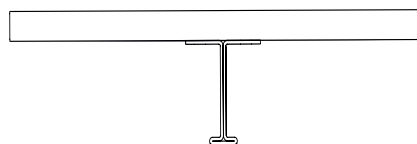


Overall Fence Height* mm	Ground Clearance mm	Post Size H x W x D mm	Code
1210	10	1800 x 48 x 51	76DP18iA or 76DP18i

*Bolt-down foot is not recommended for fence heights over 1.2m. Posts can easily be cut to size on site.









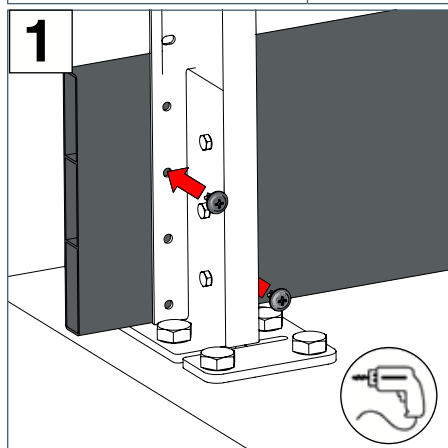
Plan View



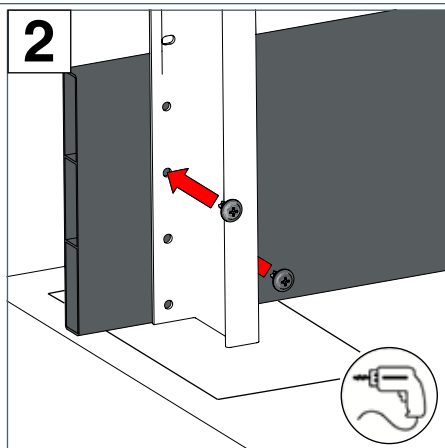
ID	Description	Size mm	Colour	Code
1	6m Long Aluminium Board	6000 x 150 x 15	Mill Finish	76S005R
			Basalt Grey RAL 7012	76S005A
			Oak Wood Effect	76S005O
			Serengeti Sand RAL 1019	76S005SS
			Light Sage RAL 7032	76S005LS
2	Marano Black Plastic End Caps	150 x 15	Black RAL 9005	76S005CB
3	Marano Black Plastic In Line Connector	150 x 15	Black RAL 9005	76S005iB
4	Screws for Fixing Boards - BZP (x 100)	4.2 x 12	Black Dacromet	76SS4212DB
5	1.8m Slimline Post for 1.2m (Concrete-In) and 1.2m (Bolt Down) Fence	1800 x 48 x 51	Anthracite Grey RAL 7016	76DP12iA
			Galvanized	76DP12i
	2.4m Slimline Post for 1.8m (Concrete-In)	2400 x 48 x 51	Anthracite Grey RAL 7016	76DP18iA
			Galvanized	76DP18i
6	Bolt Down Foot (with nuts and bolts). For use with a fence no higher than 1.2m	-	Anthracite Grey RAL 7016	76DPBA
			Galvanized	76DPB
7	Concrete Screws	75mm Long	-	5002HCS1275
	Zinc Plated Through Bolt	M12 x 100		162412
	Flat Bar - 1.8m	50 x 5	Black Gloss	66FB50518
	Marano Slimline Post Touch Up Paint	-	Anthracite Grey RAL 7016	29PC400SA
	Fence Board Touch Up Paint	-	Basalt Grey RAL 7012	29PC400SAG
			Serengeti Sand RAL 1019	29PC400SS
			Light Sage RAL 7032	29PC400LS

Key:

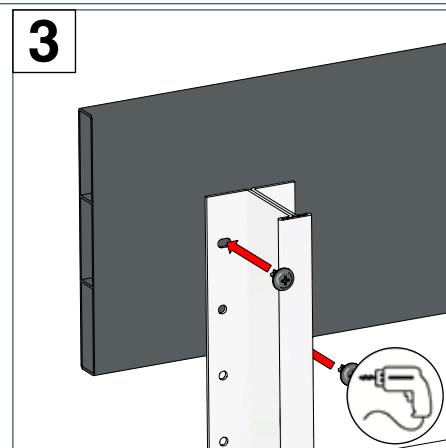
Description	Symbol	Information
Drill		Use 4mm drill bit to screw fence board to Slimline post. .
Aluminium Saw		Use a fine tooth aluminium saw with a clean, sharp blade if you wish to cut the boards to length.
Sealant		Fix top caps and angles to fence boards.
Rubber Mallet		Use a rubber mallet for securing slats on top of each other and the top cap onto the last slat
Bolt-Down		4 x M12 bolts required to fix each bolt-down post - see number 11 for depending on terrain.
Concrete-In		Place 600mm into the ground.



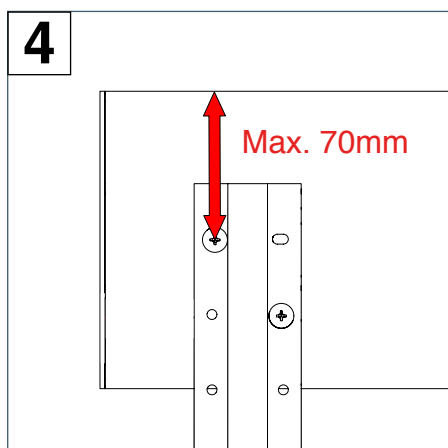
1 Bolt Down Option. Allow post centres of 1800mm.



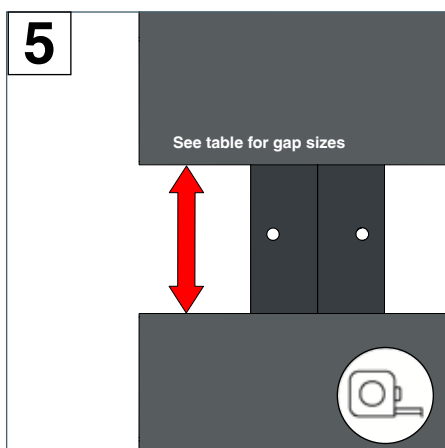
2 Concrete-In Option. Allow post centres of 1800mm.



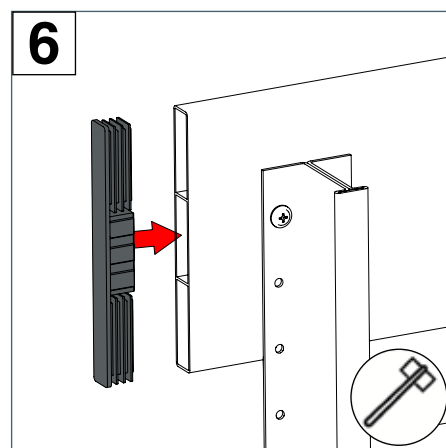
3 Fix top board to the top of the Slimline post



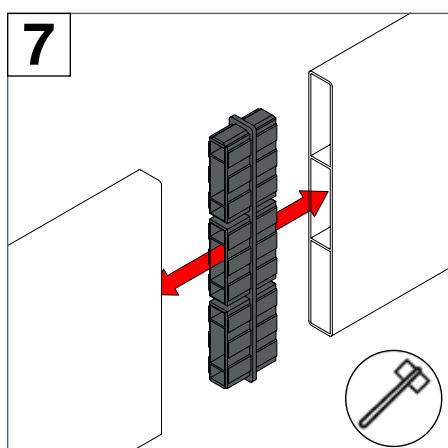
4 Allow no more than 70mm from the top of the fence to the screw centre.



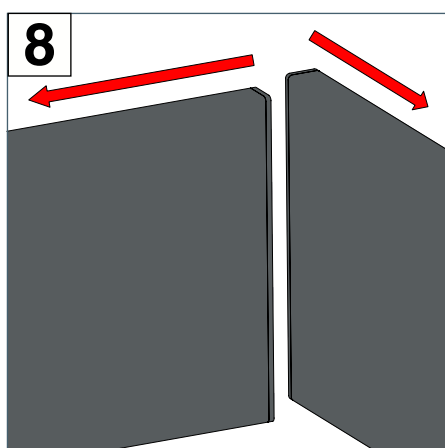
5 Choose distance between fence boards and fix next board to post.



6 Use rubber mallet to fit the end cap at the end of a run.

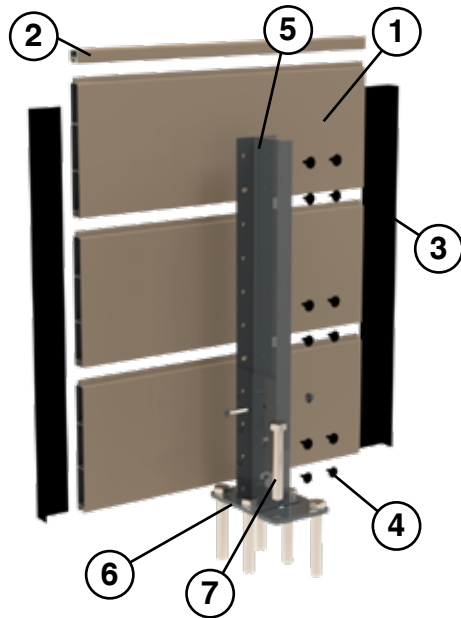


7 Use a rubber mallet to connect two boards together with inline connector

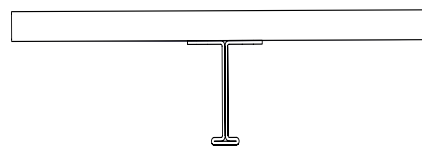


8 Create a corner by overlapping one board in front of the other.

Target Height	No. of Boards	No. of Gaps	Size of Gap	Actual Height for Fence
1200	7	6	25	1200
	6	5	60	1200
	5	4	110	1230
1800	12	11	0	1800
	11	10	15	1800
	10	9	35	1815
	9	8	60	1830
	8	7	90	1830
	7	6	130	1830








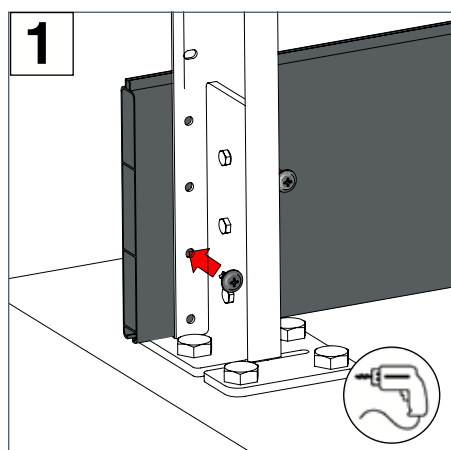
Plan View



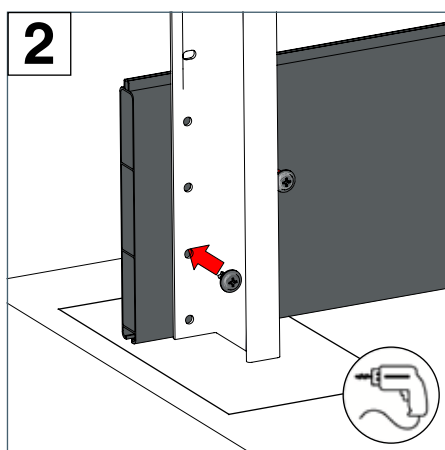
ID	Description	Size mm	Colour	Code
1	6m Long Aluminium Board	6000 x 150 x 15	Mill Finish	76S006R
			Basalt Grey RAL 7012	76S006A
			Oak Wood Effect	76S006O
			Serengeti Sand RAL 1019	76S006SS
			Light Sage RAL 7032	76S006LS
2	6m Long Top Cap	6000 x 9 x 15	Mill Finish	76S006TCR
			Basalt Grey RAL 7012	76S006TCA
			Oak Wood Effect	76S006TCO
			Serengeti Sand RAL 1019	76S006TCSS
			Light Sage RAL 7032	76S006TCLS
3	Marano Aluminium Angle - 1.8m Long	40 x 20 x 1.5	Basalt Grey RAL 7012	76A001A18
	Marano Aluminium Angle - 1.2m Long	40 x 20 x 1.5	Black RAL 9005	76A001B18
4	Screws for Fixing Boards - BZP (x 100)	4.2 x 12	Black Dacromet	76SS4212DB
5	1.8m Slimline Post for 1.2m (Concrete-In) and 1.2m (Bolt Down) Fence	1800 x 48 x 51	Anthracite Grey RAL 7016	76DP12iA
			Galvanized	76DP12i
	2.4m Slimline Post for 1.8m (Concrete-In)	2400 x 48 x 51	Anthracite Grey RAL 7016	76DP18iA
			Galvanized	76DP18i
6	Bolt Down Foot (with nuts and bolts). For use with a fence no higher than 1.2m	-	Anthracite Grey RAL 7016	76DPBA
			Galvanized	76DPB
7	Concrete Screws	75mm Long	--	5002HCS1275
	Zinc Plated Through Bolt	M12 x 100		162412
	Marano Slimline Post Touch Up Paint	-	Anthracite Grey RAL 7016	29PC400SA
6	Fence Board Touch Up Paint	-	Basalt Grey RAL 7012	29PC400SAG
			Serengeti Sand RAL 1019	29PC400SS
			Light Sage RAL 7032	29PC400LS

Key:

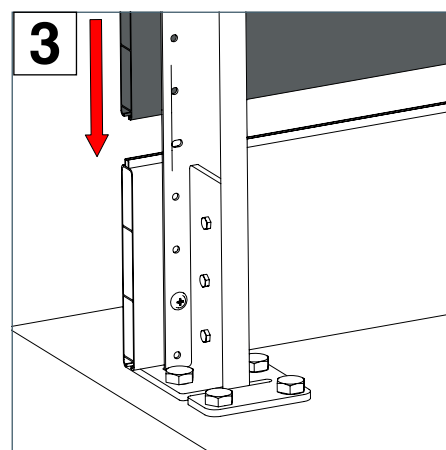
Description	Symbol	Information
Drill		Use 4mm drill bit to screw fence board to Slimline post. .
Aluminium Saw		Use a fine tooth aluminium saw with a clean, sharp blade if you wish to cut the boards to length.
Sealant		Fix top caps and angles to fence boards.
Bolt-Down		4 x M12 bolts required to fix each bolt-down post - see number 11 for depending on terrain.
Concrete-In		Place 600mm into the ground.



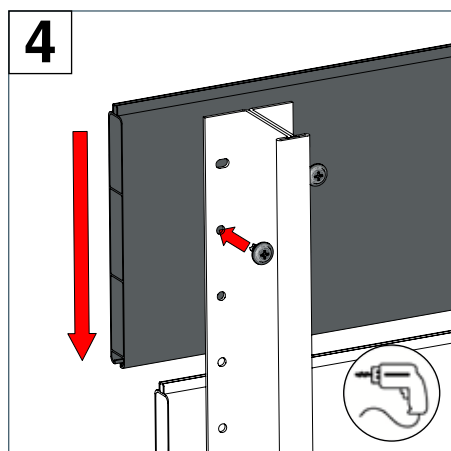
1 Bolt Down Option. Allow post centres of 1800mm.



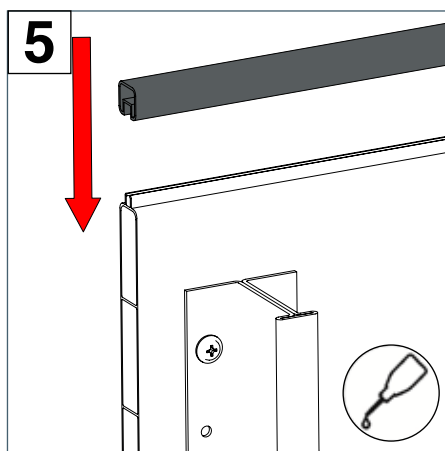
2 Concrete-In Option. Allow post centres of 1800mm.



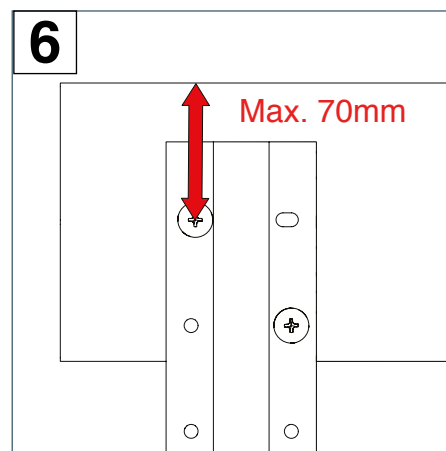
3 Pattern with the next aluminium board.



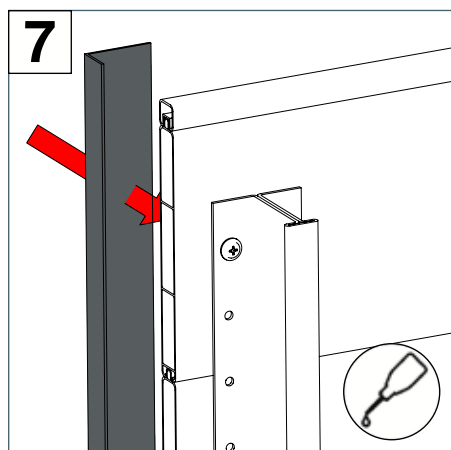
4 Fix top board to the top of the Slimline post.



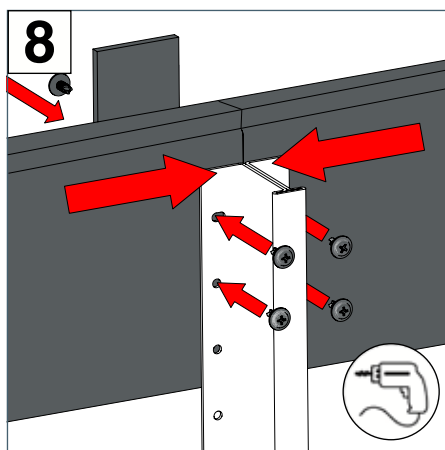
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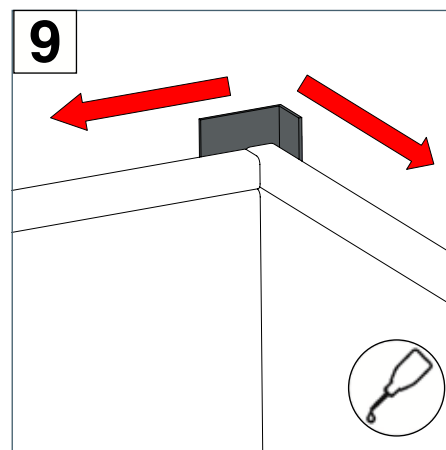
6 Allow no more than 70mm from the top of the fence to the screw centre.



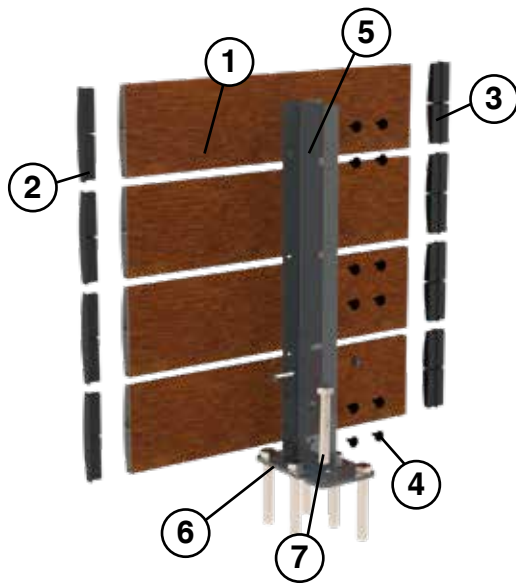
7 Add aluminium angle to end if required.



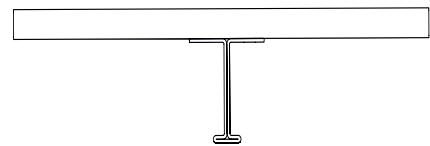
8 Join boards in the middle of a post using 4 x screws to connect boards. Optional: fix flat bar to front of join with screws.



9 Create a corner by using aluminium angle to cover ends.









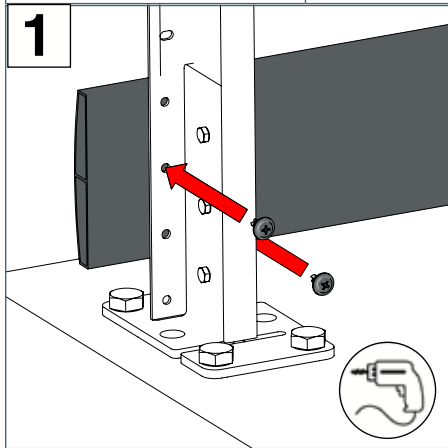
Plan View



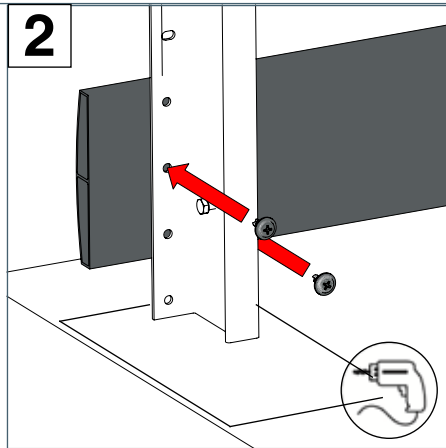
ID	Description	Size mm	Colour	Code
1	6m Long Reversible Aluminium Slats	6000 x 100 x 15	Mill Finish	76S001R
			Basalt Grey RAL 7012	76S001A
			Golden Oak Wood Effect	71S001GO
2	Marano Black Plastic End Caps	150 x 15	Black RAL 9005	76S001CB
3	Marano Black Plastic In Line Connector	150 x 15	Black RAL 9005	76S001IB
4	Screws for Fixing Boards - BZP (x 100)	4.2 x 12	Black Dacromet	76SS4212DB
5	1.8m Slimline Post for 1.2m (Concrete-In) and 1.2m (Bolt Down) Fence	1800 x 48 x 51	Anthracite Grey RAL 7016	76DP12iA
			Galvanized	76DP12i
	2.4m Slimline Post for 1.8m (Concrete-In)	2400 x 48 x 51	Anthracite Grey RAL 7016	76DP18iA
			Galvanized	76DP18i
6	Bolt Down Foot (with nuts and bolts). For use with a fence no higher than 1.2m	-	Anthracite Grey RAL 7016	76DPBA
			Galvanized	76DPB
7	Concrete Screws	75mm Long	--	5002HCS1275
	Zinc Plated Through Bolt	M12 x 100		162412
	Marano Slimline Post Touch Up Paint	-	Anthracite Grey RAL 7016	29PC400SA
	Fence Board Touch Up Paint	-	Basalt Grey RAL 7012	29PC400SAM

Key:

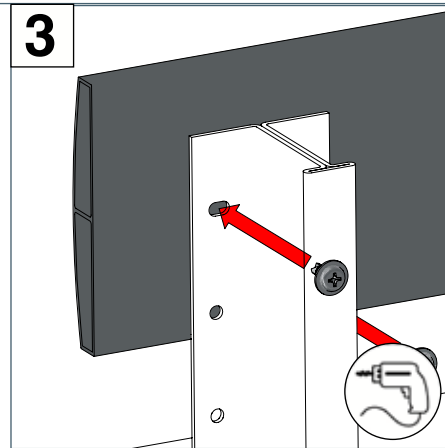
Description	Symbol	Information
Drill		Use 4mm drill bit to screw fence board to Slimline post. .
Aluminium Saw		Use a fine tooth aluminium saw with a clean, sharp blade if you wish to cut the boards to length.
Sealant		Fix top caps and angles to fence boards.
Rubber Mallet		For securing slats on top of each other and the top cap onto the last slat
Bolt-Down		4 x M12 bolts required to fix each bolt-down post - see number 11 for depending on terrain.
Concrete-In		Place 600mm into the ground.



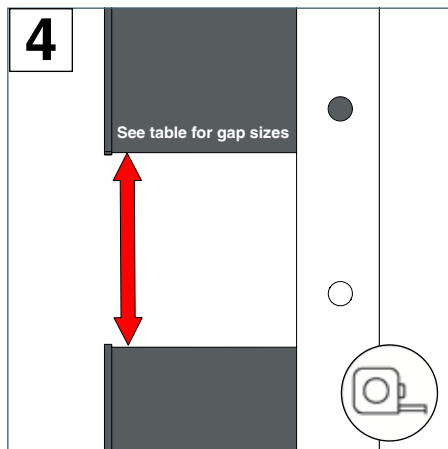
1 Bolt Down Option. Allow post centres of 1800mm.



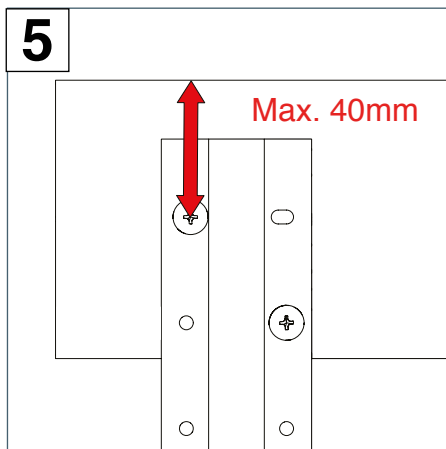
2 Concrete-In Option. Allow post centres of 1800mm.



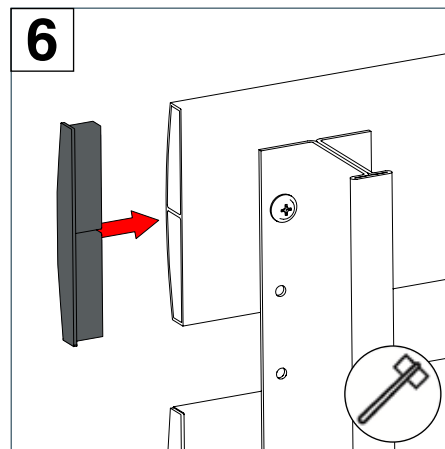
3 Fix top board to the top of the Slimline post.



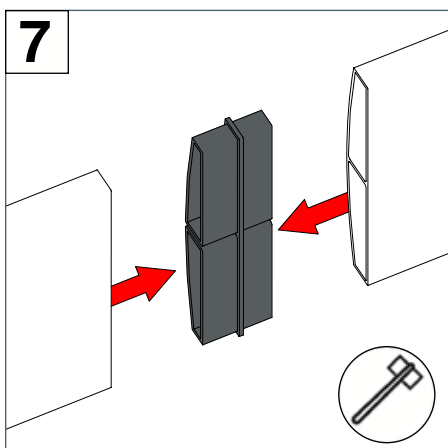
4 Choose distance between fence boards and fix next board to post.



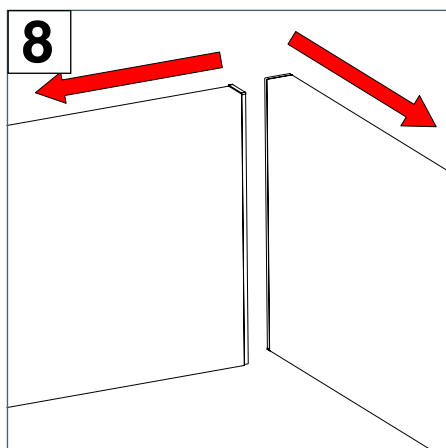
5 Allow no more than 40mm from the top of the fence to the screw centre.



6 Use rubber mallet to fit the end cap at the end of a run.

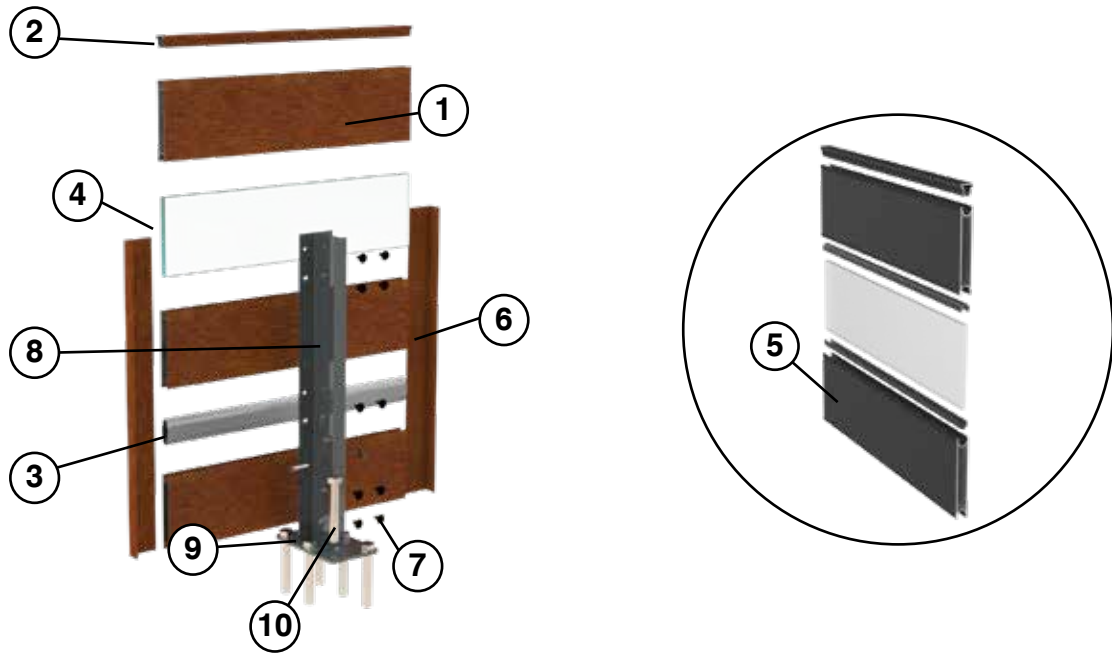


7 Use a rubber mallet to connect two boards together with inline connector.








8 Create a corner by overlapping one board in front of the other.

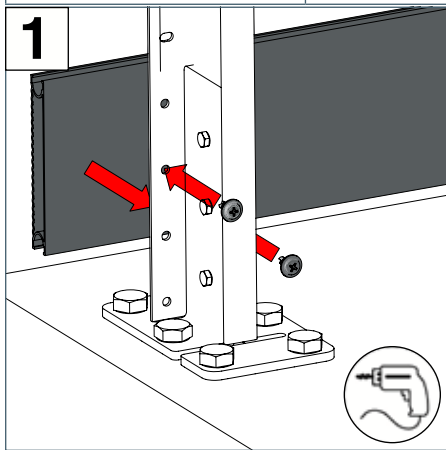
Target Height	No. of Boards	No. of Gaps	Size of Gap	Actual Height for Fence
1200	7	6	85	1210
	6	5	120	1200
	5	4	175	1200
1800	18	17	0	1800
	17	16	10	1860
	16	15	15	1825
	15	14	25	1850
	14	13	35	1855
	13	12	45	1840
	12	11	55	1805
11	10	70	1800	
10	9	90	1810	



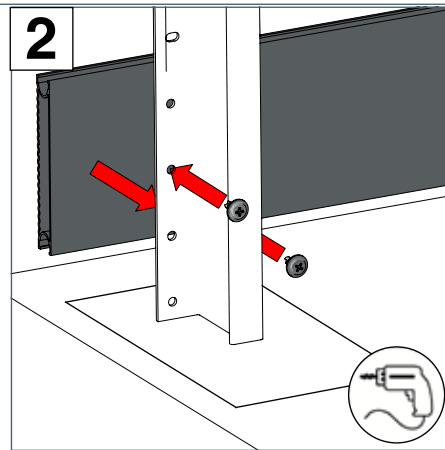
ID	Description	Size mm	Colour	Code
1	6m Long Reversible Aluminium Board	6000 x 100 x 15	Basalt Grey RAL 7012	76S003A
			Golden Oak Wood Effect	76S003GO
2	6m Long Top Cap for Aluminium Board	6000 x 9 x 15	Basalt Grey RAL 7012	76S003TCA
			Golden Oak Wood Effect	76S003TCGO
3	Optional 6m Long Anodised Aluminium Insert	6000 x 15 x 15	–	76S003IA
4	Optional Clear Acrylic Infill 10mm Thick	2030 x 100 x 10	–	76S003CA
	Optional Frosted Acrylic Infill 10mm Thick		–	76S003FA
5	Optional Rubber Gasket for 6mm Glass	–	–	76RG001
6	Marano Aluminium Angle - 1.8m Long	40 x 20 x 1.5	Basalt Grey RAL 7012	76A001A18
			Black RAL 9005	76A001B18
			Golden Oak Wood Effect	76A001GO18
	Marano Aluminium Angle - 1.2m Long	40 x 20 x 1.5	Black RAL 9005	76A001B12
7	Screws for Fixing Boards - BZP (x 100)	4.2 x 12	Black Dacromet	76SS4212DB
8	1.8m Slimline Post for 1.2m (Concrete-In) and 1.2m (Bolt Down) Fence	1800 x 48 x 51	Anthracite Grey RAL 7016	76DP12iA
			Galvanized	76DP12i
	2.4m Slimline Post for 1.8m (Concrete-In)	2400 x 48 x 51	Anthracite Grey RAL 7016	76DP18iA
			Galvanized	76DP18i
9	Bolt Down Foot (with nuts and bolts). For use with a fence no higher than 1.2m	–	Anthracite Grey RAL 7016	76DPBA
			Galvanized	76DPB
10	Concrete Screws	75mm Long	–	5002HCS1275
	Zinc Plated Through Bolt	M12 x 100		162412
	Flat Bar - 1.8m	50 x 5	Black Gloss	66FB50518
	Marano Slimline Post Touch Up Paint	–	Anthracite Grey RAL 7016	29PC400SA
	Fence Board Touch Up Paint	–	Basalt Grey RAL 7012	29PC400SAM

Key:

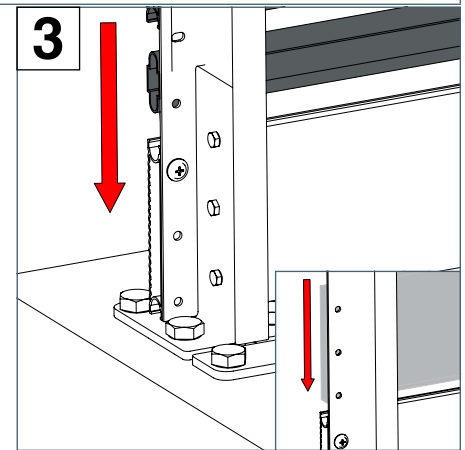
Description	Symbol	Information
Screwdriver/Drill		Use 4mm drill bit to screw fence board to Slimline post. .
Aluminium Saw		Use a fine tooth aluminium saw with a clean, sharp blade if you wish to cut fence boards to length.
Sealant		Fix top caps and angles to fence boards.
Bolt-Down		4 x M12 bolts required to fix each bolt-down post. See number 11 in component list for depending on terrain.
Concrete-In		Place 600mm into the ground.



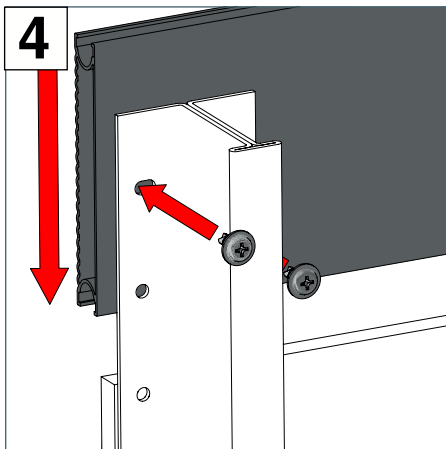
1 Bolt Down Option. Allow post centres of 1800mm.



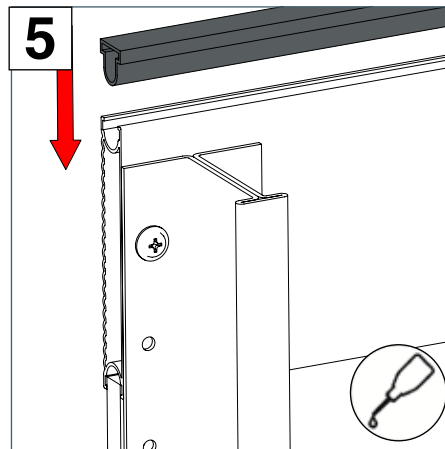
2 Concrete-In Option. Allow post centres of 1800mm.



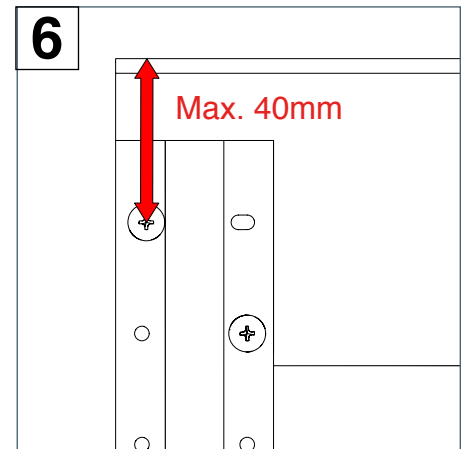
3 Pattern with aluminium insert, acrylic slat or glass with rubbers gasket.



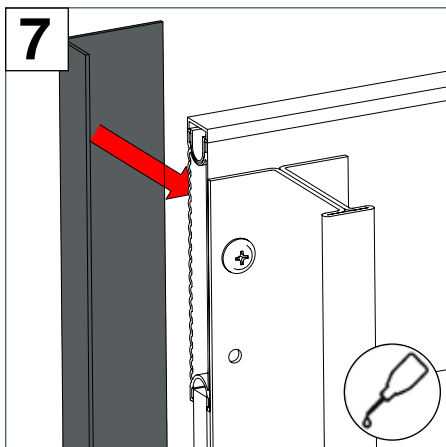
4 Fix top board to the top of the Slimline post.



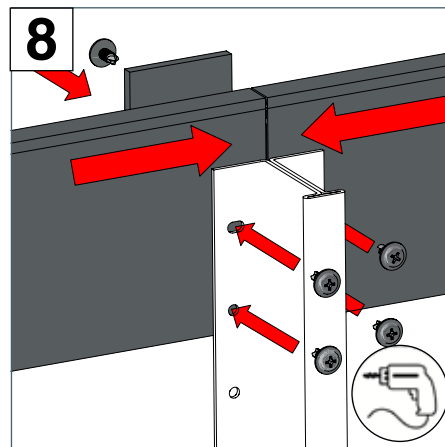
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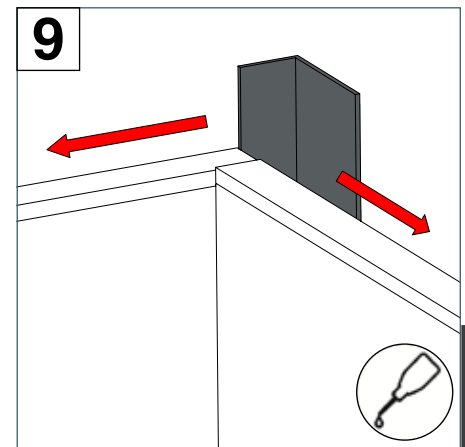
6 Allow no more than 40mm from the top of the fence to the screw centre.



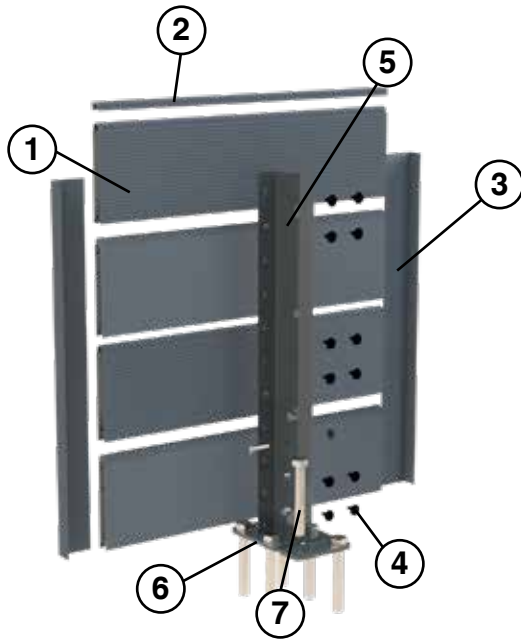
7 Add aluminium angle to end if required.



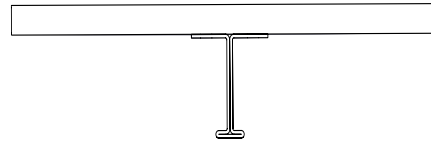
8 Join boards in the middle of a post using 4 x screws to connect boards. Optional: fix flat bar to front of join with screws.



9 Create a corner by using aluminium angle to cover ends.








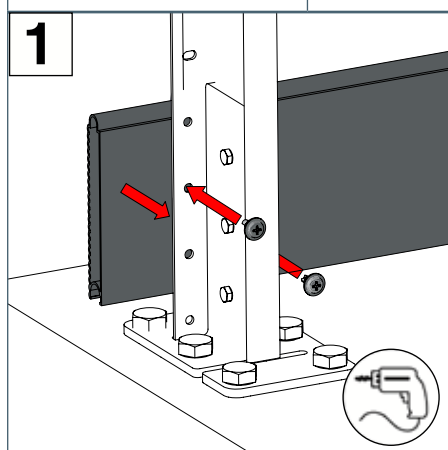
Plan View



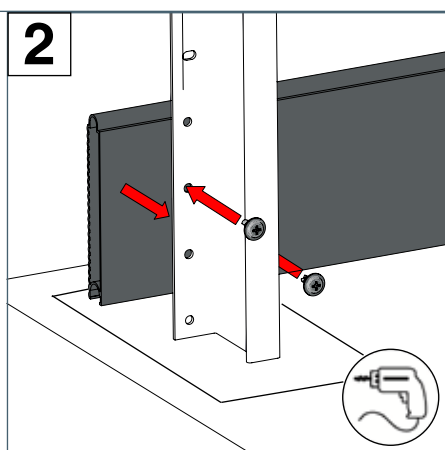
ID	Description	Size mm	Colour	Code
1	Marano Double Sided Aluminium Boards	6000 x 100 x 15	Mill Finish	76S002
			Basalt Grey RAL 7012	76S002A
			Golden Oak	76S002GO
2	Marano Top Cap for Fence Board	6000 x 9 x 15	Mill Finish	76S002TC
			Basalt Grey RAL 7012	76S002TCA
			Golden Oak	76S002TCGO
3	Marano Aluminium Angle - 1.8m Long	40 x 20 x 1.5	Basalt Grey RAL 7012	76A001A18
			Black RAL 9005	76A001B18
			Golden Oak	76A001GO18
	Marano Aluminium Angle - 1.2m Long		Black RAL 9005	76A001B12
4	Screws for Fixing Boards - BZP (x 100)	4.2 x 12	Black Dacromet	76SS4212DB
5	1.8m Slimline Post for 1.2m (Concrete-In) and 1.2m (Bolt Down) Fence	1800 x 48 x 51	Anthracite Grey RAL 7016	76DP12iA
			Galvanized	76DP12i
	2.4m Slimline Post for 1.8m (Concrete-In)	2400 x 48 x 51	Anthracite Grey RAL 7016	76DP18iA
			Galvanized	76DP18i
6	Bolt Down Foot (with nuts and bolts). For use with a fence no higher than 1.2m	-	Anthracite Grey RAL 7016	76DPBA
			Galvanized	76DPB
7	Concrete Screws	75mm Long	-	5002HCS1275
	Zinc Plated Through Bolt	M12 x 100		162412
	Flat Bar - 1.8m	50 x 5	Black Gloss	66FB50518
	Marano Slimline Post Touch Up Paint	-	Anthracite Grey RAL 7016	29PC400SA
	Fence Board Touch Up Paint	-	Basalt Grey RAL 7012	29PC400SAM

Key:

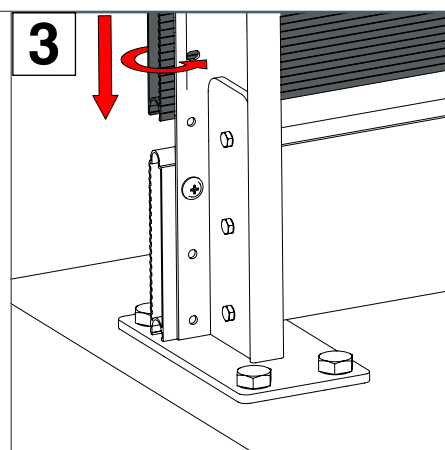
Description	Symbol	Information
Drill		Use 4mm drill bit to screw fence board to Slimline post. .
Aluminium Saw		Use a fine tooth aluminium saw with a clean, sharp blade if you wish to cut the boards to length.
Sealant		Fix top caps and angles to fence boards.
Bolt-Down		4 x M12 bolts required to fix each bolt-down post - see number 11 for depending on terrain.
Concrete-In		Place 600mm into the ground.



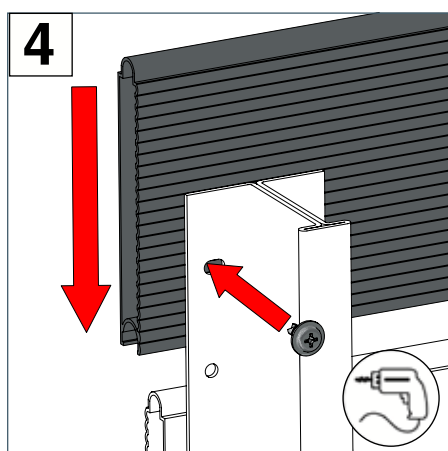
1 Bolt Down Option. Allow post centres of 1800mm.



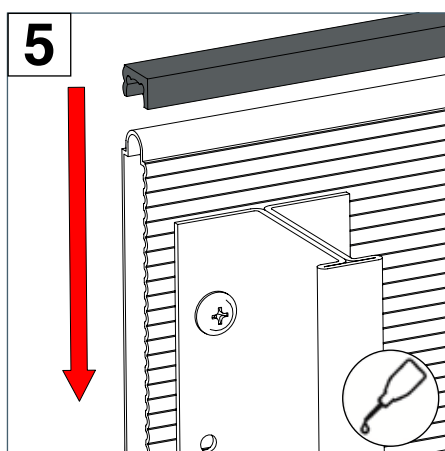
2 Concrete-In Option. Allow post centres of 1800mm.



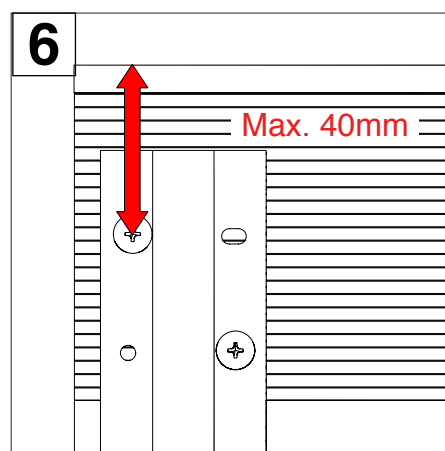
3 Pattern with the next aluminium board. Alternate for pattern.



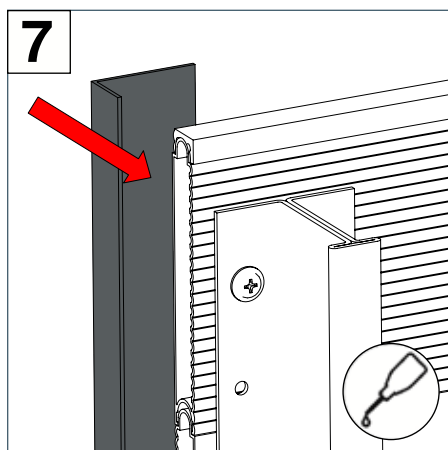
4 Fix top board to the top of the Slimline post.



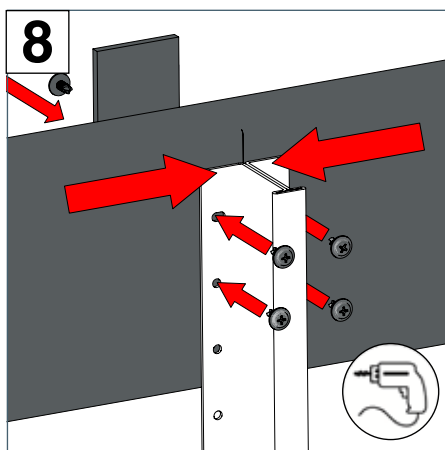
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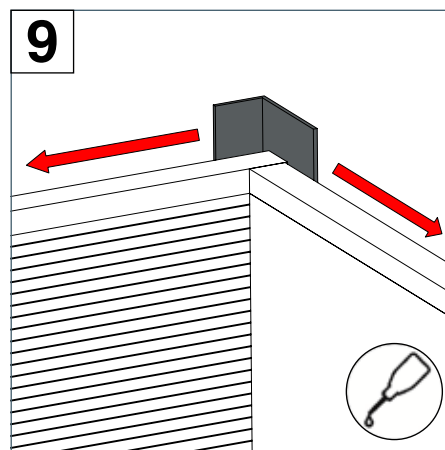
6 Allow no more than 40mm from the top of the fence to the screw centre.



7 Add aluminium angle to end if required.



8 Join boards in the middle of a post using 4 x screws to connect boards. Optional: fix flat bar to front of join with screws.



9 Create a corner by using aluminium angle to cover ends.

Please note: Post centre measurements are shown as a guide only. Whilst we do our best to advise and guide, it remains the installers responsibility to ensure the final installation complies with any current building regulations and is securely installed. As we have no knowledge of the location, ground type, or the layout of your system, we would always advise customers to consider these factors and adjust as appropriate.