



# MARANO Convex Fully Modular Aluminium Fencing System Installation Guide

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## MARANO

Convex Installation Instructions



LIGHT – STYLE – VISION

## The fully modular aluminum fencing system

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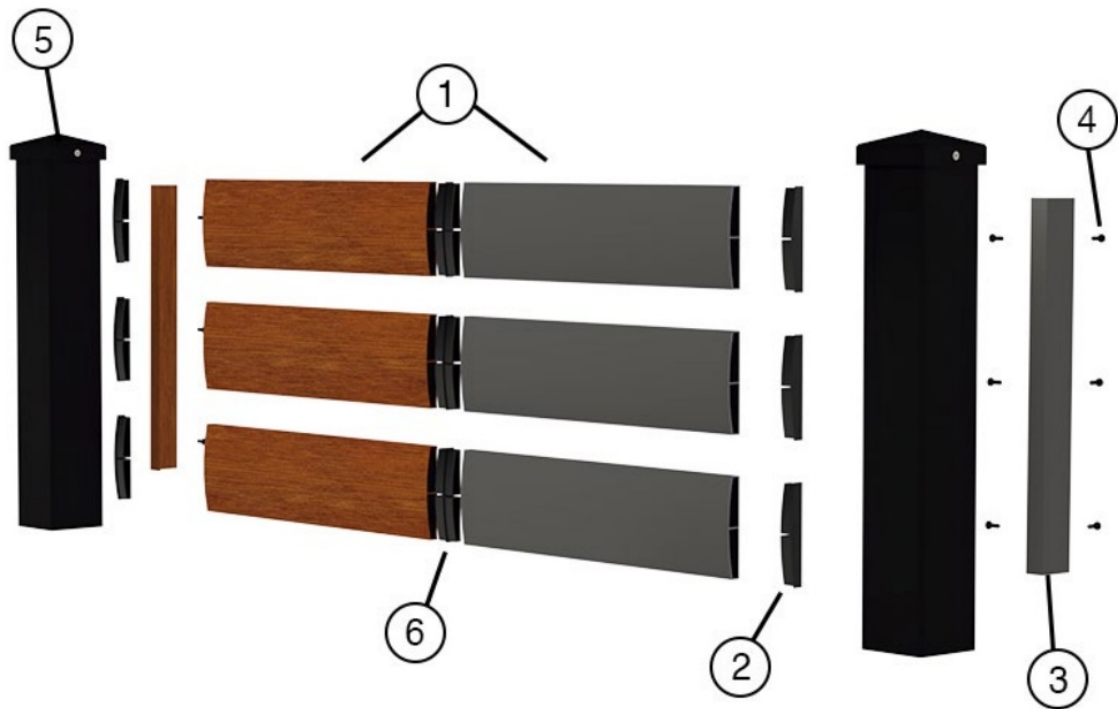
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### COMPONENTS



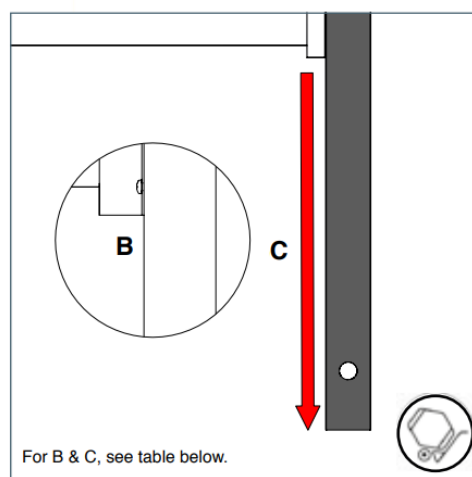
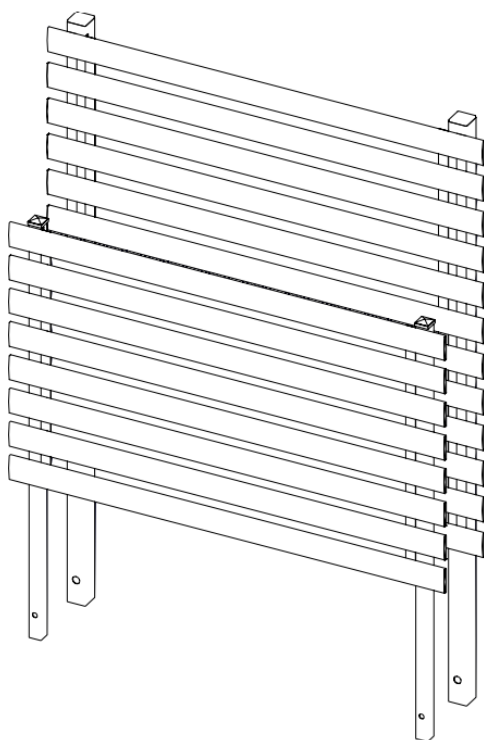
ID	Description	Size mm	Colour	Code
1	6m Long Convex Fence Slat	1100 x 2350	RAL 7012 Grey Basalt	76S001A
		1700 x 2350	Golden Oak Wood Effect	76S001G
2	Plastic End Caps	–	Black	76S001CB
3	Angle 1.5mm Thick	1500 x 40 x 20	RAL 9005 Black	76A001B12
		1500 x 40 x 20	RAL 9005 Black	76A001B18
		1800 x 40 x 20	RAL 7012 Grey Basalt	76A001A18
		1800 x 40 x 20	Golden Oak Wood Effect	76A001G18
4	Self-Tapping Screw Panhead – Stainless Steel (x 200)	4.2 x 13	–	5004PS4213
	Screws for Fixing Boards – BZP (x 100)	4.2 x 12	–	76SS4212D
5	Bolt-Down Post for 1.2m High Fence	1155 x 50.8 x 50.8	Black Gloss	76PB5012B
	Concrete-In Post for 1.2m High Fence	1750 x 50.8 x 50.8	Black Gloss	76PC5012B
	Bolt-Down Post for 1.8m High Fence	1865 x 76.2 x 76.2	Black Gloss	76PB7518B
6	Plastic In-line Connector	–	Black	76S001IB

All components are aluminum unless otherwise stated.

## Key:

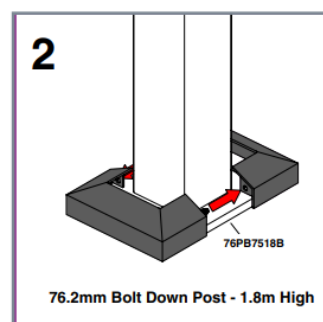
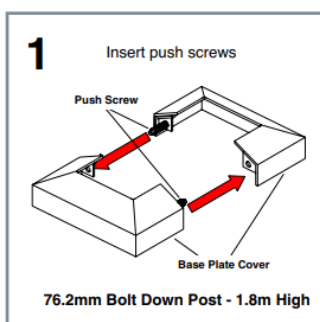
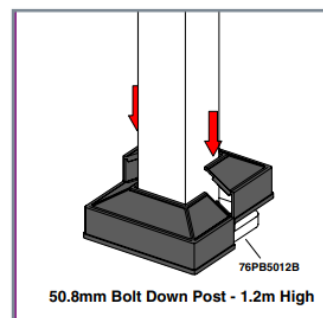
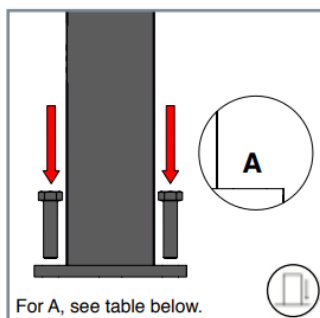
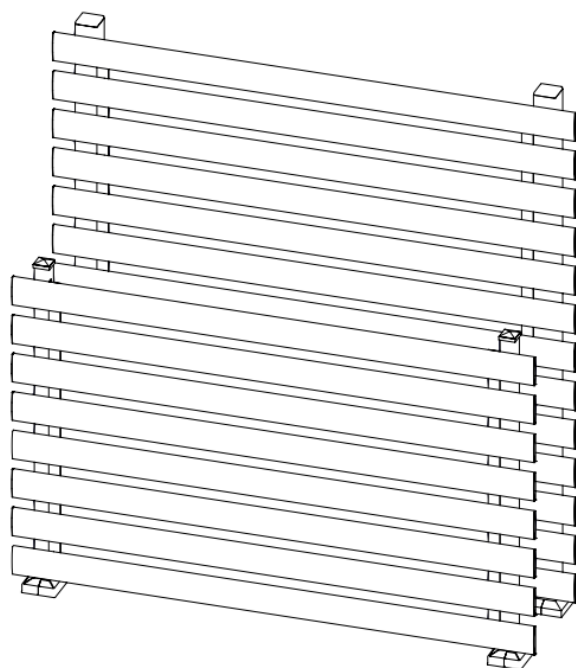
Description	Symbol	Information
Drill		You will need a crosshead M4 attachment
Aluminum Saw		Use a fine-tooth aluminum saw with a clean, sharp blade when cutting posts or slats
Rubber mallet		For securing slats on top of each other and the top cap onto the last slat
Bolt-Down		4 x M12 bolts are required to fix each bolt-down post
Concrete-In		Place 565-570mm into the ground. For further stability, we suggest inserting a galvanized steel tube Ø 26.9 x 300mm (cut from code: <b>160225</b> ) horizontally through the concrete pouring hole

## Concrete-In Posts



Fence Height m	Ground Clearance (B) mm	Concrete-In (C) mm	Post Size H x W x D mm
1130	50	570	1750 x 50.8 x 50.8
1830	50	570	2440 x 76.2 x 76.2

## Bolt-Down Posts



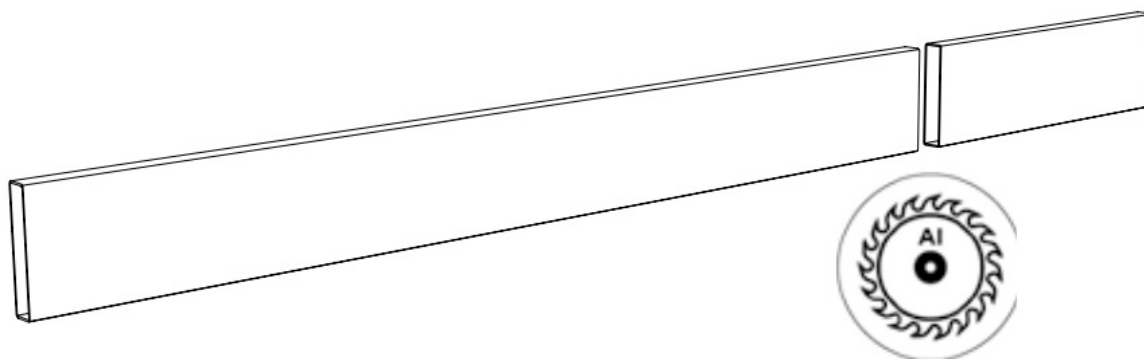
Fence Height m	Ground Clearance (B) mm	Post Size H x W x D mm
1130	50	1155 x 50.8 x 50.8
1830	50	1865 x 76.2 x 76.2

**IMPORTANT:** Please refer to the table below when determining fence height and gap between boards.

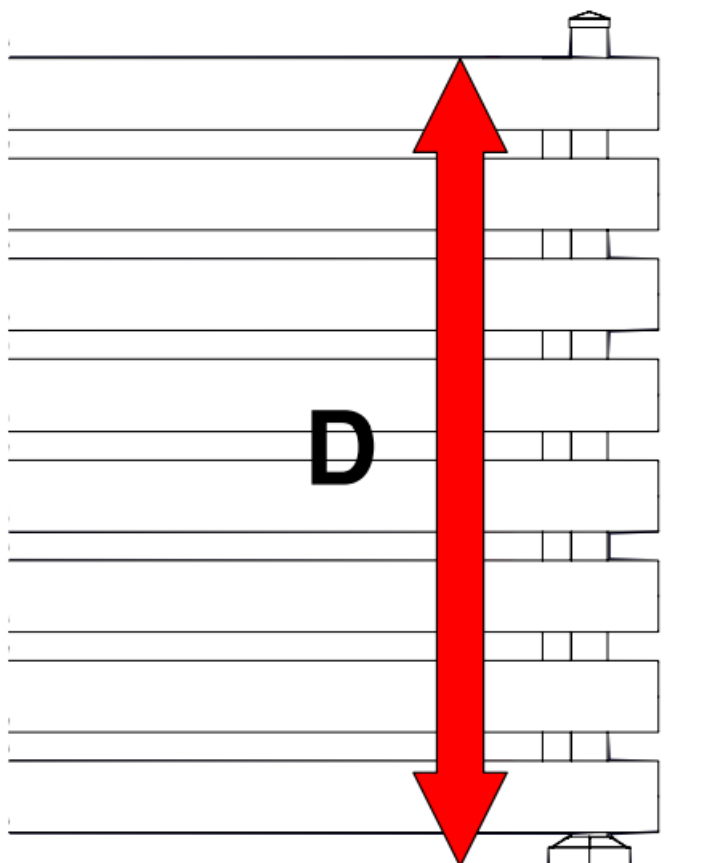
Fence Height (A) m	Gap Between Boards to Reach Fence Height mm			Ground Clearance mm	Number of Boards Needed		
	No Gap	20mm Gap	40mm Gap		No Gap	20mm Gap	40mm Gap
1.2	1050	1110	1130	50	10	9	8
1.8	1850	1830	1830	50	18	15	13

## BESPOKE POSTS

Our 1.2 and 1.8m posts for the Marano Convex system can be easily cut to size to suit your needs. Boards can also be cut to length as required.

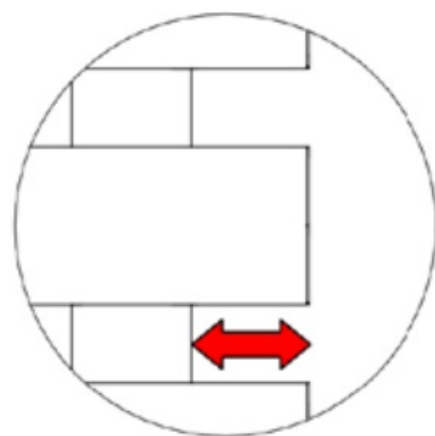
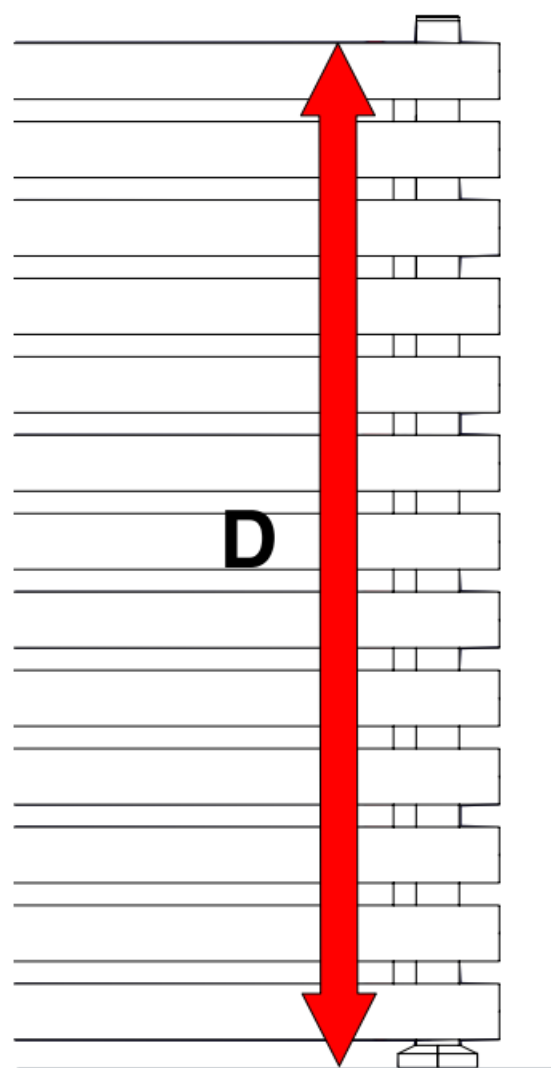


**IMPORTANT:** Please refer to the table below when determining fence height and gap between boards.



O/A Fence Height m	Gap Between Boards mm			Ground Clearance mm	Number of Boards Required		
	No Gap	20mm	40mm		No Gap	20mm	40mm
<b>D</b>	950	990	850	50	9	8	6
	1050	1110	990	50	10	9	7

Bolt-down post for 1.2m high fence. Code: **76PB5012B**.  
Concrete-in post for 1.2m high fence. Code: **76PC5012B**.

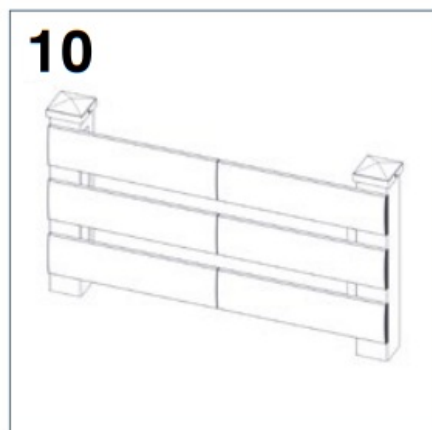
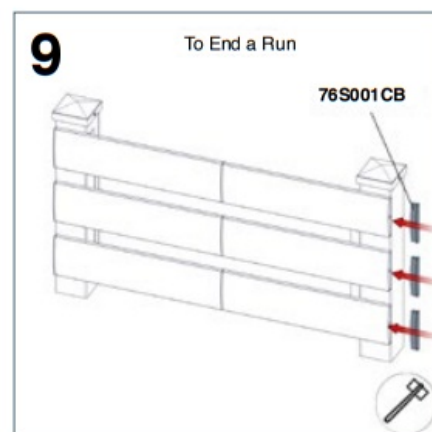
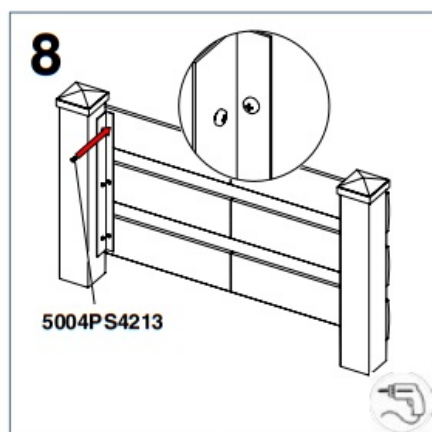
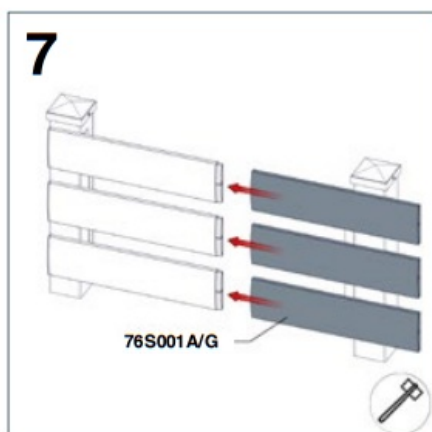
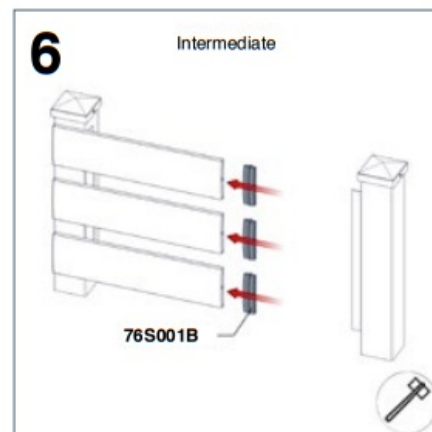
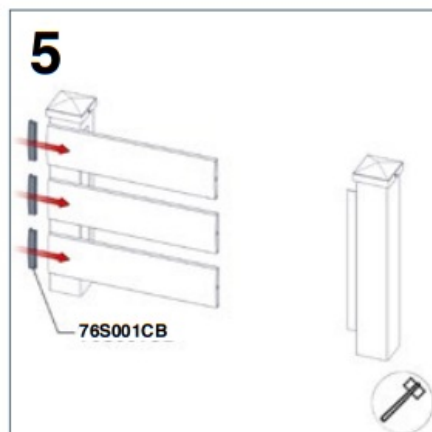
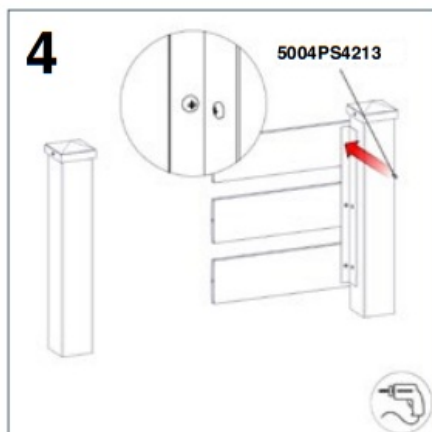
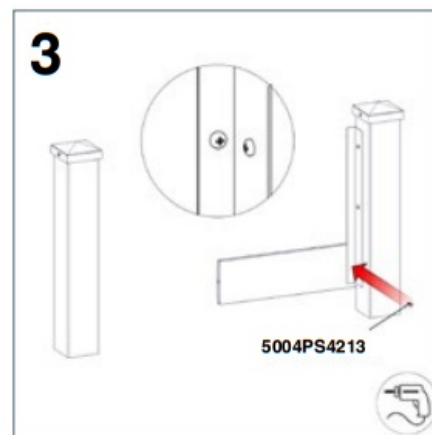
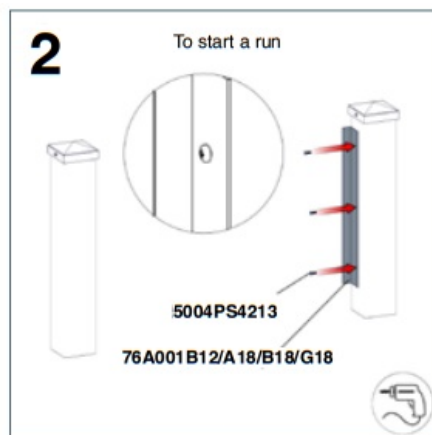
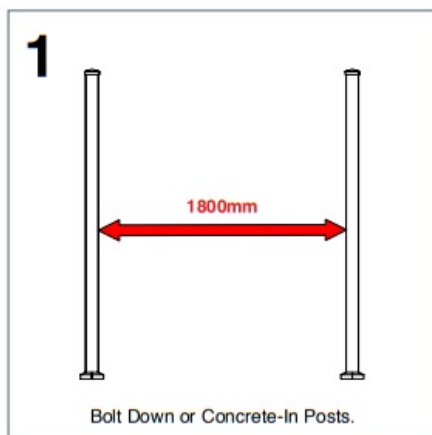


0 - 75mm

O/A Fence Height m	Gap Between Boards mm			Ground Clearance mm	Number of Boards Required		
	No Gap	20mm	40mm		No Gap	20mm	40mm
<b>D</b>	1350	1230	1130	50	13	10	8
	1450	1350	1270	50	14	11	9
	1550	1470	1410	50	15	12	10
	1650	1590	1550	50	16	13	11
	1750	1710	1690	50	17	14	12

Bolt-down post for 1.8m high fence. Code: **76PB7518B**.  
Concrete-in post for 1.8m high fence. Code: **76PC7518B**.





**Please note:** Post-centre measurements are shown as a guide only. Whilst we do our best to advise and guide, it remains the responsibility of the installer 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 layout of your system, we would always advise customers to consider these factors and adjust as appropriate.

# MARANO

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## Documents / Resources



**[MARANO Convex Fully Modular Aluminium Fencing System](#)** [pdf] Installation Guide  
Convex Fully Modular Aluminium Fencing System, Convex Modular Aluminium Fencing System, Fully Modular Aluminium Fencing System, Modular Aluminium Fencing System, Aluminium Fencing System, Fencing System, Modular Fencing System

## References

- [🌐 The UK's Largest Supplier of Handrailing - F H Brundle](#)