

The tables below apply for cross bracing between stumps, such as Uni-Pier and steel posts up to 3.6 metres in height and a maximum spacing of 4.8 metres. Uni-Braces[®] are available in four nominal sizes from 900mm to 1800mm.

UNI-BRACE[®] PRODUCT RANGE

From the measurement taken in Step 1 choose the Uni-Brace[®] required (eg diagonal measurement of 2450mm would require UBR12).

	UBR9	UBR12	UBR15	UBR18
Nominal Supplied Length	900mm	1200mm	1500mm	1800mm
Minimum Extension	1640mm	1940mm	2240mm	2540mm
Maximum Extension	2100mm	3300mm	4500mm	5700mm

UNI-BRACE[®] SELECTION TABLE

To further assist selection, the following table can also be used as a guide to determine Uni-Brace[®] size requirements. This table assumes that posts to be braced are on level ground and are the same height.

		MAXIMUM POST SPACING (GRID)													
		1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	
MAXIMUM POST HEIGHT	0.6	N/A	N/A	UBR9	UBR12	UBR12	UBR12	UBR12	UBR15	UBR15	UBR15	UBR15	UBR15	UBR18	
	0.9	N/A	UBR9	UBR9	UBR12	UBR12	UBR12	UBR12	UBR15	UBR15	UBR15	UBR15	UBR18	UBR18	
	1.2	UBR9	UBR9	UBR12	UBR12	UBR12	UBR12	UBR12	UBR15	UBR15	UBR15	UBR15	UBR18	UBR18	
	1.5	UBR9	UBR9	UBR12	UBR12	UBR12	UBR12	UBR15	UBR15	UBR15	UBR15	UBR15	UBR18	UBR18	
	1.8	UBR12	UBR12	UBR12	UBR12	UBR12	UBR12	UBR15	UBR15	UBR15	UBR15	UBR18	UBR18	UBR18	
	2.1	UBR12	UBR12	UBR12	UBR12	UBR12	UBR15	UBR15	UBR15	UBR15	UBR15	UBR18	UBR18	UBR18	
	2.4	UBR12	UBR12	UBR12	UBR12	UBR15	UBR15	UBR15	UBR15	UBR15	UBR15	UBR18	UBR18	UBR18	
	2.7	UBR12	UBR12	UBR12	UBR15	UBR15	UBR15	UBR15	UBR15	UBR15	UBR18	UBR18	UBR18	UBR18	
	3.0	UBR12	UBR15	UBR15	UBR15	UBR15	UBR15	UBR15	UBR15	UBR18	UBR18	UBR18	UBR18	UBR18	
	3.3	UBR15	UBR15	UBR15	UBR15	UBR15	UBR15	UBR15	UBR18	UBR18	UBR18	UBR18	UBR18	N/A	
3.6	UBR15	UBR15	UBR15	UBR15	UBR15	UBR15	UBR18	UBR18	UBR18	UBR18	UBR18	N/A	N/A		

Allow to overlap post. Refer to Step 1.

UNI-BRACE[®] QUANTITY TABLE

The following table is to determine the number of Uni-Braces[®] required on each grid, assuming a single storey house and a maximum roof pitch of 35 degrees. Ensure that correct wind classification is applied.

* If unsure of wind classification consult a registered structural engineer.

Pier Spacing Grid Maximum	Wind Class* N1	Wind Class N2	Wind Class N3	Wind Class N4
2.0m	1 Uni-Brace [®] every 2nd row	1 Uni-Brace [®] every 2nd row	1 Uni-Brace [®] every row	1 Uni-Brace [®] every row
3.0m	1 Uni-Brace [®] every 2nd row	1 Uni-Brace [®] every row	1 Uni-Brace [®] every row	2 Uni-Braces [®] every row
4.0m	1 Uni-Brace [®] every row	1 Uni-Brace [®] every row	2 Uni-Braces [®] every row	2 Uni-Braces [®] every row
4.8m	1 Uni-Brace [®] every row	2 Uni-Braces [®] every row	2 Uni-Braces [®] every row	3 Uni-Braces [®] every row

NB: Bracing of Uni-Piers is not required in many situations where the base of a building is built with masonry walls.