



Wall Frame Tie-down Specification



A complete solution for *N2 wind – sheet roof - studs @ 450 c/c – trusses @ 600 c/c – SINGLE storey*

Roof with **Hip Ends** ; $\geq 20^\circ$ roof pitch

Roof Load Width	Tie-down Spacing = 900 mm			Tie-down Spacing = 1350 mm			
	Top plate + Ribbon plate = 2/90x45 MGP10 (screws fixed on site)						
	Bottom plate = 1/90x45 MGP10 (screws factory-fitted)						
	Top plate to stud	Bottom plate to stud	Bottom plate to slab	Top plate to stud	Bottom plate to stud	Bottom plate to slab	
2000	S5	S4	N	S5	S4	N	
3000			CS			S6	XB10
4000				S6			
5000						S6	
6000			S6	XB10			

Roof with **Gable Ends** ; any roof pitch

Roof Load Width	Tie-down Spacing = 900 mm			Tie-down Spacing = 1350 mm			
	Top plate + Ribbon plate = 2/90x45 MGP10 (screws fixed on site)						
	Bottom plate = 1/90x45 MGP10 (screws factory-fitted)						
	Top plate to stud	Bottom plate to stud	Bottom plate to slab	Top plate to stud	Bottom plate to stud	Bottom plate to slab	
2000	S5	S4	CS	S5	S4	CS	
3000				S6			XB10
4000							
5000				S6		XB10	
6000							S6

CERTIFICATION:

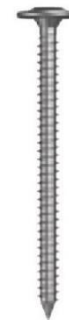
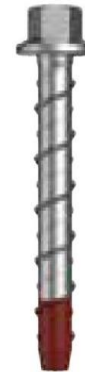
The tie-down specifications given here have been determined using AS1720.3 – 2016 and manufacturers' data. These specifications are applicable only for fasteners supplied by Meyer Timber.

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Top & bottom plate to stud connection

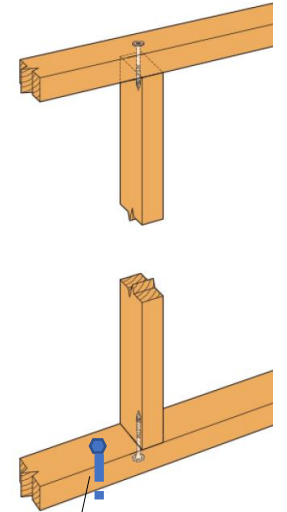
- S4 = TYKT Screw (100 long)
- S5 = TYKT Screw (125 long)
- S6 = TYKT Screw (150 long)



Bottom plate to slab connection

XB10 = XBolt10100 with 50x50x3 washer

- CS = CS75102 concrete screw
- N = Nominal fixing using 75mm concrete nail



Anchor screws (CS or XB10) must be located no more than 100mm from the stud that connects the wall plates.