

SPAN TABLES FOR WALL STUDS

COMMON WALL STUDS:

FLW (m)	NOT NOTCHED			NOTCHED (max 20mm)					
	Maximum Allowable RLW (m)			Maximum Allowable RLW (m)					
	Sheet / Tile Roof			Sheet / Tile Roof					
	Studs up to 600crs			Studs at 450crs			Studs at 600crs		
	up to 4.2m			0	2	4.2	0	2	4.2
90x35 meyWALL	10			9.3	9	8.7	7.2	5.4	3.8
90x45 meyWALL	10			10			9.7	7.1	8
90x63 meyWALL	10			10			10		

STUDS SUPPORTING CONCENTRATED LOADS:

Floor m ²	NOT NOTCHED					
	Maximum roof area supported (m ²)					
	Sheet Roof			Tile Roof		
	0	5	10	0	5	10
2/90x35 meyWALL	38	33	23	20	17	10
2/90x45 meyWALL	40	40	40	25	23	19
90x63 meyWALL	34	30	16	18	15	7

Floor m ²	NOTCHED (max 20mm)					
	Maximum roof area supported (m ²)					
	Sheet Roof			Tile Roof		
	0	5	10	0	5	10
2/90x35 meyWALL	29	25	7	15	13	3
2/90x45 meyWALL	38	33	23	20	17	10
90x63 meyWALL	26	22	1	14	11	N/A

JAMB STUDS:

FLW (m)		NOT NOTCHED					
		Maximum opening width (mm)					
		Sheet Roof			Tile Roof		
		0	2	4.2	0	2	4.2
2/90x35 meyWALL	1.5m RLW	3950	3450	3000	3950	3300	2850
	4.5m RLW	3550	2950	2550	3000	2500	2200
	7.5m RLW	2900	2450	2200	2300	2000	1800
2/90x45 meyWALL	1.5m RLW	5350	5300	4500	5350	5000	4250
	4.5m RLW	5350	4400	3750	4500	3750	3250
	7.5m RLW	4250	3600	3200	3350	2950	2650
3/90x35 meyWALL	1.5m RLW	6000	5550	4750	6000	5250	4550
	4.5m RLW	5700	4700	4050	4800	4050	3550
	7.5m RLW	4600	3950	3500	3650	3250	2900
3/90x45 meyWALL	1.5m RLW	6000	6000	6000	6000	6000	6000
	4.5m RLW	6000	6000	5850	6000	5800	5100
	7.5m RLW	6000	5700	5000	5250	4600	4100



NOTES:

1. Maximum stud height 2.7m.
2. Sheet roof 40kg/m² (max rafter spacing 900mm), Tile roof 90kg/m² (max rafter spacing 600mm).
3. Wind classification up to and including N3.
4. Values limited to 10m RLW, 40m² roof area and 6000mm opening width.

TECHNICAL SUPPORT:

meyWALL is a suitable alternative wherever MGP10 is specified in wall frame stud and plate applications.

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