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*The Ford DPR Span Tables are based on the TRADAC Timber Framing Manuals for unseasoned timber.
For Tie Down and Bracing and other details of timber framed construction, refer to the TRADAC
Timber Framing Manuals.*

**DPR
24**

**WALL STUDS - 2400 mm HIGH - SINGLE or UPPER STOREY
SHEET ROOF - RAFTERS or TRUSSES @ 900mm CENTRES**

FRAME SIZE	STUD SPACING in mm	NOTCHED FOR BRACING	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C				
				F14	F17	F14	F17	F14	F17	F14	F17			
75	450	NOTCHED	2400	75X38	75X38	75X50	75X50	N.A.	N.A.	N.A.	N.A.			
			4400	75X38	75X38	75X50	75X50	N.A.	N.A.	N.A.	N.A.			
			5100	75X38	75X38	75X50	75X50	N.A.	N.A.	N.A.	N.A.			
			6600	75X38	75X38	75X50	75X50	N.A.	N.A.	N.A.	N.A.			
			8600	75X38	75X38	75X50	75X50	N.A.	N.A.	N.A.	N.A.			
		NOT NOTCHED	2400	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38		
			4400	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38		
			5100	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38		
			6600	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38		
			8600	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38		
	75	600	NOTCHED	2400	75X38	75X38	75X75	75X75	N.A.	N.A.	N.A.	N.A.		
				4400	75X38	75X38	75X75	75X75	N.A.	N.A.	N.A.	N.A.		
				5100	75X38	75X38	75X75	75X75	N.A.	N.A.	N.A.	N.A.		
				6600	75X38	75X38	75X75	75X75	N.A.	N.A.	N.A.	N.A.		
8600				75X38	75X38	75X75	75X75	N.A.	N.A.	N.A.	N.A.			
NOT NOTCHED			2400	75X38	75X38	75X38	75X38	75X38	75X38	75X50	75X50			
			4400	75X38	75X38	75X38	75X38	75X38	75X38	75X50	75X50			
			5100	75X38	75X38	75X38	75X38	75X38	75X38	75X50	75X50			
			6600	75X38	75X38	75X38	75X38	75X38	75X38	75X50	75X50			
			8600	75X38	75X38	75X38	75X38	75X38	75X38	75X50	75X50			
100	450	NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.			
			4400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.			
			5100	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.			
			6600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.			
			8600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.			
		NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38		
			4400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38		
			5100	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38		
			6600	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38		
			8600	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38		
			100	600	NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
						4400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
	5100	100X38				100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.		
	6600	100X38				100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.		
	8600	100X38				100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.		
	NOT NOTCHED	2400			100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	
		4400			100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	
		5100			100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	
		6600			100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	
		8600			100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	

See notes at DPR 25 and DPR 26

**DPR
24A**

**WALL STUDS - 2400 mm HIGH - SINGLE or UPPER STOREY
SHEET ROOF - RAFTERS or TRUSSES @ 600mm CENTRES**

FRAME SIZE	STUD SPACING in mm	NOTCHED FOR BRACING	ROOF SPAN in mm	W60C	
				F14	F17
75	450	NOT NOTCHED	2400	75X38	75X38
			to	75X38	75X38
			8600	75X38	75X38
75	600	NOT NOTCHED	2400	75X50	75X50
			to	75X50	75X50
			8600	75X50	75X50
100	450	NOT NOTCHED	2400	100X38	100X38
			to	100X38	100X38
			8600	100X38	100X38
100	600	NOT NOTCHED	2400	100X38	100X38
			to	100X38	100X38
			8600	100X38	100X38

See notes at DPR 25 and DPR 26

**WALL STUDS - 2400 mm HIGH - SINGLE or UPPER STOREY
SHEET ROOF - RAFTERS or TRUSSES @ 1200mm CENTRES**

DPR 25

FRAME SIZE	STUD SPACING in mm	NOTCHED FOR BRACING	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE		
				F14	F17	F14	F17	F14	F17			
75	450	NOTCHED	2400	75X38	75X38	75X50	75X50	N.A.	N.A.			
			4400	75X38	75X38	75X50	75X50	N.A.	N.A.			
			5100	75X38	75X38	75X50	75X50	N.A.	N.A.			
			6600	75X38	75X38	75X50	75X50	N.A.	N.A.			
			8600	75X38	75X38	75X50	75X50	N.A.	N.A.			
		NOT NOTCHED	2400	75X38	75X38	75X38	75X38	75X38	75X38			
			4400	75X38	75X38	75X38	75X38	75X38	75X38			
			5100	75X38	75X38	75X38	75X38	75X38	75X38			
			6600	75X38	75X38	75X38	75X38	75X38	75X38			
			8600	75X38	75X38	75X38	75X38	75X38	75X38			
		75	600	NOTCHED	2400	75X38	75X38	75X75	75X75	N.A.	N.A.	
					4400	75X38	75X38	75X75	75X75	N.A.	N.A.	
5100	75X38				75X38	75X75	75X75	N.A.	N.A.			
6600	75X38				75X38	75X75	75X75	N.A.	N.A.			
8600	75X38				75X38	75X75	75X75	N.A.	N.A.			
NOT NOTCHED	2400			75X38	75X38	75X38	75X38	75X38	75X38			
	4400			75X38	75X38	75X38	75X38	75X38	75X38			
	5100			75X38	75X38	75X38	75X38	75X38	75X38			
	6600			75X38	75X38	75X38	75X38	75X38	75X38			
	8600			75X38	75X38	75X38	75X38	75X38	75X38			
100	450			NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.	
					4400	100X38	100X38	100X38	100X38	N.A.	N.A.	
		5100	100X38		100X38	100X38	100X38	N.A.	N.A.			
		6600	100X38		100X38	100X38	100X38	N.A.	N.A.			
		8600	100X38		100X38	100X38	100X38	N.A.	N.A.			
		NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X38	100X38			
			4400	100X38	100X38	100X38	100X38	100X38	100X38			
			5100	100X38	100X38	100X38	100X38	100X38	100X38			
			6600	100X38	100X38	100X38	100X38	100X38	100X38			
			8600	100X38	100X38	100X38	100X38	100X38	100X38			
		100	600	NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.	
					4400	100X38	100X38	100X38	100X38	N.A.	N.A.	
5100	100X38				100X38	100X38	100X38	N.A.	N.A.			
6600	100X38				100X38	100X38	100X38	N.A.	N.A.			
8600	100X38				100X38	100X38	100X38	N.A.	N.A.			
NOT NOTCHED	2400			100X38	100X38	100X38	100X38	100X50	100X50			
	4400			100X38	100X38	100X38	100X38	100X50	100X50			
	5100			100X38	100X38	100X38	100X38	100X50	100X50			
	6600			100X38	100X38	100X38	100X38	100X50	100X50			
	8600			100X38	100X38	100X38	100X38	100X50	100X50			

Notes to DPR 24 - DPR 37:

- Notched stud sizes allow for a sawcut or notch not more than 20 mm deep.
- Studs for internal non-loadbearing bracing walls and partitions (not carrying roof loads) shall be of a stress grade not less than F4 and be of the following minimum sizes which are based on 600 mm centres:

3000 mm high	75x38 or 70x35
3600 mm high	100x38, 2/75x38, 90x35 or 2/70x35
4200 mm high	100x50, 2/100x38, 90x45, 2/90x35
4800 mm high	100x75, 2/100x38, 90x70, 2/90x35

The sizes of internal top and bottom plates shall be not less than 35 mm thick x the depth of the studs.

- Edge distances for some sheet bracing materials may require a stud width of 50 mm or 45 mm for joining sheets.
- For gable and skillion ends (not supporting roof loads) the stud size shall be determined as for a sheet roof with a roof span of 2400 mm. The stud height may be determined by averaging the height of five studs in that section of wall.
- Large stud sizes may be made up by vertical nail lamination, or alternatively where stud sizes are 75 or 100 mm thick, studs of 38 or 50 mm thick respectively may be used at one half of the stud spacing shown in the table.

Notes continue at DPR 26.

FRAME SIZE	STUD SPACING in mm	NOTCHED FOR BRACING	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C		
				F14	F17	F14	F17	F14	F17	F14	F17	
75	450	NOTCHED	2400	75X38	75X38	75X50	75X50	N.A.	N.A.	N.A.	N.A.	
			4400	75X38	75X38	75X50	75X50	N.A.	N.A.	N.A.	N.A.	
			5100	75X38	75X38	75X50	75X50	N.A.	N.A.	N.A.	N.A.	
			6600	75X38	75X38	75X50	75X50	N.A.	N.A.	N.A.	N.A.	
			8600	75X38	75X38	75X50	75X50	N.A.	N.A.	N.A.	N.A.	
		NOT NOTCHED	2400	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38
			4400	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38
			5100	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38
	75	600	NOTCHED	2400	75X38	75X38	75X75	75X75	N.A.	N.A.	N.A.	N.A.
				4400	75X38	75X38	75X75	75X75	N.A.	N.A.	N.A.	N.A.
				5100	75X38	75X38	75X75	75X75	N.A.	N.A.	N.A.	N.A.
				6600	75X38	75X38	75X75	75X75	N.A.	N.A.	N.A.	N.A.
				8600	75X38	75X38	75X75	75X75	N.A.	N.A.	N.A.	N.A.
			NOT NOTCHED	2400	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38
4400	75X38			75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	
5100	75X38			75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	
6600	75X38			75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	
8600	75X38			75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	
100	450	NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.	
			4400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.	
			5100	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.	
			6600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.	
			8600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.	
		NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			4400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			5100	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
	100	600	NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
				4400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
				5100	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
				6600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
				8600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
4400	100X38			100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	
5100	100X38			100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	
6600	100X38			100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	
8600	100X38			100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	

Notes to DPR 24 - DPR 37 (continued):

6. Studs alongside openings (jamb studs) shall consist of a number of common studs as required by the following table:

Common stud spacing in mm	Number of common studs at the sides of openings for									
	Opening of width in mm									
	900	1200	1500	1800	2100	2400	2700	3000	3300	3600
450	1	2	2	2	2	3	3	3	4	4
600	1	1	2	2	2	2	3	3	3	3

The common stud size shall be determined from the relevant tables as appropriate to height, loading, storey, spacing, etc. Where studs alongside openings are required to support lintels that in turn support concentrated loads over openings (see note at lintel tables) an additional jamb stud shall be added to the size determined above for up to 10 m² of additional roof or ceiling area supported. Where the concentrated load over the opening is generated from an area greater than 10 m², the jamb stud size shall be engineer designed.

If using common studs spaced at 450 mm centres, check minimum common stud size for 600 mm centres as the same size common stud may be suitable. This may reduce the number of studs required to make up the jamb stud.

A secondary jamb stud may form part of the total number of common studs required at the side of openings.

7. Mullion sizes shall be determined as for studs at the sides of openings where the mullion size is equivalent to the stud sizes required for the openings both sides of the mullion.

**WALL STUDS - 2400 mm HIGH - SINGLE or UPPER STOREY
TILE ROOF - RAFTERS or TRUSSES @ 900mm CENTRES**

DPR 27

FRAME SIZE	STUD SPACING in mm	NOTCHED FOR BRACING	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C		
				F14	F17	F14	F17	F14	F17	F14	F17	
75	450	NOTCHED	2400	75X38	75X38	75X50	75X50	N.A.	N.A.	N.A.	N.A.	
			4400	75X38	75X38	75X50	75X50	N.A.	N.A.	N.A.	N.A.	
			5100	75X50	75X38	75X50	75X50	N.A.	N.A.	N.A.	N.A.	
			6600	75X75	75X50	75X75	75X50	N.A.	N.A.	N.A.	N.A.	
			8600	75X75	75X75	75X75	75X75	N.A.	N.A.	N.A.	N.A.	
		NOT NOTCHED	2400	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38
			4400	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38
			5100	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38
	75	600	NOTCHED	2400	75X38	75X38	75X75	75X75	N.A.	N.A.	N.A.	N.A.
				4400	75X38	75X38	75X75	75X75	N.A.	N.A.	N.A.	N.A.
				5100	75X50	75X38	75X75	75X75	N.A.	N.A.	N.A.	N.A.
				6600	75X75	75X50	75X75	75X75	N.A.	N.A.	N.A.	N.A.
8600				75X75	75X75	75X75	75X75	N.A.	N.A.	N.A.	N.A.	
NOT NOTCHED			2400	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38
			4400	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38
			5100	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38
100	450	NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.	
			4400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.	
			5100	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.	
			6600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.	
			8600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.	
		NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			4400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			5100	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
	100	600	NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
				4400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
				5100	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
				6600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
8600				100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.	
NOT NOTCHED			2400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			4400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			5100	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38

See notes at DPR 25 and DPR 26

**DPR
28**

**WALL STUDS - 2700 mm HIGH - SINGLE or UPPER STOREY
SHEET ROOF - RAFTERS or TRUSSES @ 900mm CENTRES**

FRAME SIZE	STUD SPACING in mm	NOTCHED FOR BRACING	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C	
				F14	F17	F14	F17	F14	F17	F14	F17
75	450	NOTCHED	2400	75X38	75X38	N.A.	75X75	N.A.	N.A.	N.A.	N.A.
			4400	75X38	75X38	N.A.	75X75	N.A.	N.A.	N.A.	N.A.
			5100	75X38	75X38	N.A.	75X75	N.A.	N.A.	N.A.	N.A.
			6600	75X38	75X38	N.A.	75X75	N.A.	N.A.	N.A.	N.A.
			8600	75X50	75X38	N.A.	75X75	N.A.	N.A.	N.A.	N.A.
		NOT NOTCHED	2400	75X38	75X38	75X38	75X38	75X50	75X50	75X75	75X75
			4400	75X38	75X38	75X38	75X38	75X50	75X50	75X75	75X75
			5100	75X38	75X38	75X38	75X38	75X50	75X50	75X75	75X75
			6600	75X38	75X38	75X38	75X38	75X50	75X50	75X75	75X75
			8600	75X38	75X38	75X38	75X38	75X50	75X50	75X75	75X75
75	600	NOTCHED	2400	75X50	75X38	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			4400	75X50	75X38	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			5100	75X50	75X38	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			6600	75X50	75X38	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			8600	75X50	75X38	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
		NOT NOTCHED	2400	75X50	75X38	75X50	75X38	75X75	75X75	75x100	75X75
			4400	75X50	75X38	75X50	75X38	75X75	75X75	75x100	75X75
			5100	75X50	75X38	75X50	75X38	75X75	75X75	75x100	75X75
			6600	75X50	75X38	75X50	75X38	75X75	75X75	75x100	75X75
			8600	75X50	75X38	75X50	75X38	75X75	75X75	75x100	75X75
100	450	NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			4400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			5100	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			6600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			8600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
		NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			4400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			5100	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			6600	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			8600	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
100	600	NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			4400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			5100	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			6600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			8600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
		NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			4400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			5100	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			6600	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			8600	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38

See notes at DPR 25 and DPR 26

**DPR
28A**

**WALL STUDS - 2700 mm HIGH - SINGLE or UPPER STOREY
SHEET ROOF - RAFTERS or TRUSSES @ 600mm CENTRES**

FRAME SIZE	STUD SPACING in mm	NOTCHED FOR BRACING	ROOF SPAN in mm	W60C	
				F14	F17
75	450	NOT NOTCHED	2400	75X75	75X75
			to	75X75	75X75
			8600	75X75	75X75
75	600	NOT NOTCHED	2400	75X100	75X75
			to	75X100	75X75
			8600	75X100	75X75
100	450	NOT NOTCHED	2400	100X38	100X38
			to	100X38	100X38
			8600	100X38	100X38
100	600	NOT NOTCHED	2400	100X38	100X38
			to	100X38	100X38
			8600	100X38	100X38

See notes at DPR 25 and DPR 26

**WALL STUDS - 2700 mm HIGH - SINGLE or UPPER STOREY
SHEET ROOF - RAFTERS or TRUSSES @ 1200mm CENTRES**

DPR 29

FRAME SIZE	STUD SPACING in mm	NOTCHED FOR BRACING	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE	
				F14	F17	F14	F17	F14	F17		
75	450	NOTCHED	2400	75X38	75X38	N.A.	75X75	N.A.	N.A.		
			4400	75X38	75X38	N.A.	75X75	N.A.	N.A.		
			5100	75X38	75X38	N.A.	75X75	N.A.	N.A.		
			6600	75X50	75X38	N.A.	75X75	N.A.	N.A.		
		8600	75X75	75X50	75X75	75X75	N.A.	N.A.			
		NOT NOTCHED	2400	75X38	75X38	75X38	75X38	75X50	75X50		
			4400	75X38	75X38	75X38	75X38	75X50	75X50		
			5100	75X38	75X38	75X38	75X38	75X50	75X50		
	6600		75X38	75X38	75X38	75X38	75X50	75X50			
	75	600	NOTCHED	2400	75X50	75X38	N.A.	N.A.	N.A.	N.A.	
				4400	75X50	75X38	N.A.	N.A.	N.A.	N.A.	
				5100	75X50	75X38	N.A.	N.A.	N.A.	N.A.	
				6600	75X50	75X38	N.A.	N.A.	N.A.	N.A.	
			8600	75X75	75X50	N.A.	N.A.	N.A.	N.A.		
			NOT NOTCHED	2400	75X50	75X38	75X50	75X38	75X75	75X75	
				4400	75X50	75X38	75X50	75X38	75X75	75X75	
5100				75X50	75X38	75X50	75X38	75X75	75X75		
6600	75X50	75X38		75X50	75X38	75X75	75X75				
8600	75X50	75X38	75X50	75X38	75X75	75X75					
100	450	NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.		
			4400	100X38	100X38	100X38	100X38	N.A.	N.A.		
			5100	100X38	100X38	100X38	100X38	N.A.	N.A.		
			6600	100X38	100X38	100X38	100X38	N.A.	N.A.		
		8600	100X38	100X38	100X38	100X38	N.A.	N.A.			
		NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X38	100X38		
			4400	100X38	100X38	100X38	100X38	100X38	100X38		
			5100	100X38	100X38	100X38	100X38	100X38	100X38		
	6600		100X38	100X38	100X38	100X38	100X38	100X38			
	100	600	NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.	
				4400	100X38	100X38	100X38	100X38	N.A.	N.A.	
				5100	100X38	100X38	100X38	100X38	N.A.	N.A.	
				6600	100X38	100X38	100X38	100X38	N.A.	N.A.	
			8600	100X38	100X38	100X38	100X38	N.A.	N.A.		
			NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X38	100X38	
				4400	100X38	100X38	100X38	100X38	100X38	100X38	
5100				100X38	100X38	100X38	100X38	100X38	100X38		
6600	100X38	100X38		100X38	100X38	100X38	100X38				
8600	100X38	100X38	100X38	100X38	100X38	100X38					

See notes at DPR 25 and DPR 26

**WALL STUDS - 2700 mm HIGH - SINGLE or UPPER STOREY
TILE ROOF - RAFTERS or TRUSSES @ 600mm CENTRES**

FRAME SIZE	STUD SPACING in mm	NOTCHED FOR BRACING	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C			
				F14	F17	F14	F17	F14	F17	F14	F17		
75	450	NOTCHED	2400	75X38	75X38	N.A.	75X75	N.A.	N.A.	N.A.	N.A.		
			4400	75X38	75X38	N.A.	75X75	N.A.	N.A.	N.A.	N.A.		
			5100	75X38	75X38	N.A.	75X75	N.A.	N.A.	N.A.	N.A.		
			6600	75X50	75X38	N.A.	75X75	N.A.	N.A.	N.A.	N.A.		
			8600	75X75	75X50	N.A.	75X75	N.A.	N.A.	N.A.	N.A.		
		NOT NOTCHED	2400	75X38	75X38	75X38	75X38	75X50	75X50	75X75	75X75		
			4400	75X38	75X38	75X38	75X38	75X50	75X50	75X75	75X75		
			5100	75X38	75X38	75X38	75X38	75X50	75X50	75X75	75X75		
			6600	75X50	75X38	75X50	75X38	75X50	75X50	75X75	75X75		
			8600	75X50	75X38	75X50	75X38	75X50	75X50	75X75	75X75		
		75	600	NOTCHED	2400	75X50	75X38	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
					4400	75X50	75X38	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
5100	75X50				75X38	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
6600	75X50				75X50	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
8600	75X75				75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
NOT NOTCHED	2400			75X50	75X38	75X50	75X38	75X75	75X75	75x100	75X75		
	4400			75X50	75X38	75X50	75X38	75X75	75X75	75x100	75X75		
	5100			75X50	75X38	75X50	75X38	75X75	75X75	75x100	75X75		
	6600			75X50	75X38	75X50	75X38	75X75	75X75	75x100	75X75		
	8600			75X50	75X38	75X50	75X38	75X75	75X75	75x100	75X75		
100	450			NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
					4400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
		5100	100X38		100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.		
		6600	100X38		100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.		
		8600	100X38		100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.		
		NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38		
			4400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38		
			5100	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38		
			6600	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38		
			8600	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38		
		100	600	NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
					4400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
5100	100X38				100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.		
6600	100X38				100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.		
8600	100X38				100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.		
NOT NOTCHED	2400			100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38		
	4400			100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38		
	5100			100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38		
	6600			100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38		
	8600			100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38		

See notes at DPR 25 and DPR 26

**WALL STUDS - 2700 mm HIGH - SINGLE or UPPER STOREY
TILE ROOF - RAFTERS or TRUSSES @ 900mm CENTRES**

FRAME SIZE	STUD SPACING in mm	NOTCHED FOR BRACING	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C	
				F14	F17	F14	F17	F14	F17	F14	F17
75	450	NOTCHED	2400	75X38	75X38	N.A.	75X75	N.A.	N.A.	N.A.	N.A.
			4400	75X50	75X38	N.A.	75X75	N.A.	N.A.	N.A.	N.A.
			5100	75X75	75X50	N.A.	75X75	N.A.	N.A.	N.A.	N.A.
			6600	75X75	75X75	N.A.	75X75	N.A.	N.A.	N.A.	N.A.
			8600	N.A.	75X75	N.A.	75X75	N.A.	N.A.	N.A.	N.A.
		NOT NOTCHED	2400	75X38	75X38	75X38	75X38	75X50	75X50	75X75	75X75
			4400	75X50	75X38	75X50	75X38	75X50	75X50	75X75	75X75
			5100	75X50	75X50	75X50	75X50	75X50	75X50	75X75	75X75
	600	NOTCHED	2400	75X50	75X38	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			4400	75X50	75X50	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			5100	75X75	75X50	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			6600	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			8600	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
		NOT NOTCHED	2400	75X50	75X38	75X50	75X38	75X75	75X75	75x100	75X75
			4400	75X50	75X38	75X50	75X38	75X75	75X75	75x100	75X75
			5100	75X50	75X50	75X50	75X50	75X75	75X75	75x100	75X75
100	450	NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			4400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			5100	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			6600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			8600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
		NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			4400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			5100	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
	600	NOTCHED	2400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			4400	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			5100	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			6600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
			8600	100X38	100X38	100X38	100X38	N.A.	N.A.	N.A.	N.A.
		NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			4400	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			5100	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38

See notes at DPR 25 and DPR 26

**DPR
32**

**WALL STUDS - 3000 mm HIGH - SINGLE or UPPER STOREY
SHEET ROOF - RAFTERS or TRUSSES @ 900mm CENTRES**

FRAME SIZE	STUD SPACING in mm	NOTCHED FOR BRACING	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C	
				F14	F17	F14	F17	F14	F17	F14	F17
75	450	NOTCHED	2400	75X50	75X50	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			4400	75X50	75X50	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			5100	75X50	75X50	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			6600	75X50	75X50	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			8600	75X75	75X50	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
		NOT NOTCHED	2400	75X50	75X50	75X50	75X50	75X75	75X75	N.A.	N.A.
			4400	75X50	75X50	75X50	75X50	75X75	75X75	N.A.	N.A.
			5100	75X50	75X50	75X50	75X50	75X75	75X75	N.A.	N.A.
			6600	75X50	75X50	75X50	75X50	75X75	75X75	N.A.	N.A.
			8600	75X50	75X50	75X50	75X50	75X75	75X75	N.A.	N.A.
75	600	NOTCHED	2400	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			4400	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			5100	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			6600	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			8600	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
		NOT NOTCHED	2400	75X75	75X75	75X75	75X75	75X100	75X75	N.A.	N.A.
			4400	75X75	75X75	75X75	75X75	75X100	75X75	N.A.	N.A.
			5100	75X75	75X75	75X75	75X75	75X100	75X75	N.A.	N.A.
			6600	75X75	75X75	75X75	75X75	75X100	75X75	N.A.	N.A.
			8600	75X75	75X75	75X75	75X75	75X100	75X75	N.A.	N.A.
100	450	NOTCHED	2400	100X38	100X38	100X50	100X38	N.A.	N.A.	N.A.	N.A.
			4400	100X38	100X38	100X50	100X38	N.A.	N.A.	N.A.	N.A.
			5100	100X38	100X38	100X50	100X38	N.A.	N.A.	N.A.	N.A.
			6600	100X38	100X38	100X50	100X38	N.A.	N.A.	N.A.	N.A.
			8600	100X38	100X38	100X50	100X38	N.A.	N.A.	N.A.	N.A.
		NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X38	100X38	100X50	100X38
			4400	100X38	100X38	100X38	100X38	100X38	100X38	100X50	100X38
			5100	100X38	100X38	100X38	100X38	100X38	100X38	100X50	100X38
			6600	100X38	100X38	100X38	100X38	100X38	100X38	100X50	100X38
			8600	100X38	100X38	100X38	100X38	100X38	100X38	100X50	100X38
100	600	NOTCHED	2400	100X38	100X38	100X75	100X50	N.A.	N.A.	N.A.	N.A.
			4400	100X38	100X38	100X75	100X50	N.A.	N.A.	N.A.	N.A.
			5100	100X38	100X38	100X75	100X50	N.A.	N.A.	N.A.	N.A.
			6600	100X38	100X38	100X75	100X50	N.A.	N.A.	N.A.	N.A.
			8600	100X38	100X38	100X75	100X50	N.A.	N.A.	N.A.	N.A.
		NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X50	100X38	100X75	100X50
			4400	100X38	100X38	100X38	100X38	100X50	100X38	100X75	100X50
			5100	100X38	100X38	100X38	100X38	100X50	100X38	100X75	100X50
			6600	100X38	100X38	100X38	100X38	100X50	100X38	100X75	100X50
			8600	100X38	100X38	100X38	100X38	100X50	100X38	100X75	100X50

See notes at DPR 25 and DPR 26

**DPR
32A**

**WALL STUDS - 3000 mm HIGH - SINGLE or UPPER STOREY
SHEET ROOF - RAFTERS or TRUSSES @ 600mm CENTRES**

FRAME SIZE	STUD SPACING in mm	NOTCHED FOR BRACING	ROOF SPAN in mm	W60C	
				F14	F17
75	450	NOT NOTCHED	2400	N.A.	N.A.
			to	N.A.	N.A.
			8600	N.A.	N.A.
75	600	NOT NOTCHED	2400	N.A.	N.A.
			to	N.A.	N.A.
			8600	N.A.	N.A.
100	450	NOT NOTCHED	2400	100X50	100X38
			to	100X50	100X38
			8600	100X50	100X38
100	600	NOT NOTCHED	2400	100X75	100X50
			to	100X75	100X50
			8600	100X75	100X50

See notes at DPR 25 and DPR 26

**WALL STUDS - 3000 mm HIGH - SINGLE or UPPER STOREY
SHEET ROOF - RAFTERS or TRUSSES @ 1200mm CENTRES**

DPR 33

FRAME SIZE	STUD SPACING in mm	NOTCHED FOR BRACING	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE		
				F14	F17	F14	F17	F14	F17			
75	450	NOTCHED	2400	75X50	75X50	N.A.	N.A.	N.A.	N.A.			
			4400	75X50	75X50	N.A.	N.A.	N.A.	N.A.			
			5100	75X50	75X50	N.A.	N.A.	N.A.	N.A.			
			6600	75X75	75X50	N.A.	N.A.	N.A.	N.A.			
		8600	75X75	75X75	N.A.	N.A.	N.A.	N.A.				
		NOT NOTCHED	2400	75X50	75X50	75X50	75X50	75X75	75X75			
			4400	75X50	75X50	75X50	75X50	75X75	75X75			
			5100	75X50	75X50	75X50	75X50	75X75	75X75			
	6600		75X75	75X50	75X75	75X50	75X75	75X75				
	75	600	NOTCHED	2400	75X75	75X75	N.A.	N.A.	N.A.	N.A.		
				4400	75X75	75X75	N.A.	N.A.	N.A.	N.A.		
				5100	75X75	75X75	N.A.	N.A.	N.A.	N.A.		
6600				75X75	75X75	N.A.	N.A.	N.A.	N.A.			
8600			75X75	75X75	N.A.	N.A.	N.A.	N.A.				
NOT NOTCHED			2400	75X75	75X75	75X75	75X75	75X100	75X75			
			4400	75X75	75X75	75X75	75X75	75X100	75X75			
			5100	75X75	75X75	75X75	75X75	75X100	75X75			
		6600	75X75	75X75	75X75	75X75	75X100	75X75				
8600		75X75	75X75	75X75	75X75	75X100	75X75					
100		450	NOTCHED	2400	100X38	100X38	100X50	100X38	N.A.	N.A.		
				4400	100X38	100X38	100X50	100X38	N.A.	N.A.		
	5100			100X38	100X38	100X50	100X38	N.A.	N.A.			
	6600			100X38	100X38	100X50	100X38	N.A.	N.A.			
	8600		100X38	100X38	100X50	100X38	N.A.	N.A.				
	NOT NOTCHED		2400	100X38	100X38	100X38	100X38	100X38	100X38			
			4400	100X38	100X38	100X38	100X38	100X38	100X38			
			5100	100X38	100X38	100X38	100X38	100X38	100X38			
			6600	100X38	100X38	100X38	100X38	100X38	100X38			
	8600		100X38	100X38	100X38	100X38	100X38	100X38				
	100		600	NOTCHED	2400	100X38	100X38	100X75	100X50	N.A.	N.A.	
					4400	100X38	100X38	100X75	100X50	N.A.	N.A.	
		5100			100X38	100X38	100X75	100X50	N.A.	N.A.		
		6600			100X38	100X38	100X75	100X50	N.A.	N.A.		
		8600		100X38	100X38	100X75	100X50	N.A.	N.A.			
		NOT NOTCHED		2400	100X38	100X38	100X38	100X38	100X50	100X38		
				4400	100X38	100X38	100X38	100X38	100X50	100X38		
				5100	100X38	100X38	100X38	100X38	100X50	100X38		
			6600	100X38	100X38	100X38	100X38	100X50	100X38			
		8600	100X38	100X38	100X38	100X38	100X50	100X38				

See notes at DPR 25 and DPR 26

**WALL STUDS - 3000 mm HIGH - SINGLE or UPPER STOREY
TILE ROOF - RAFTERS or TRUSSES @ 600mm CENTRES**

FRAME SIZE	STUD SPACING in mm	NOTCHED FOR BRACING	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C		
				F14	F17	F14	F17	F14	F17	F14	F17	
75	450	NOTCHED	2400	75X50	75X50	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
			4400	75X50	75X50	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
			5100	75X75	75X50	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
			6600	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
			8600	N.A.	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
		NOT NOTCHED	2400	75X50	75X50	75X50	75X50	75X75	75X75	N.A.	N.A.	
			4400	75X50	75X50	75X50	75X50	75X75	75X75	N.A.	N.A.	
			5100	75X50	75X50	75X50	75X50	75X75	75X75	N.A.	N.A.	
	75	600	NOTCHED	2400	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
				4400	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
				5100	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
				6600	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
				8600	N.A.	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
			NOT NOTCHED	2400	75X75	75X75	75X75	75X75	75X100	75X75	N.A.	N.A.
				4400	75X75	75X75	75X75	75X75	75X100	75X75	N.A.	N.A.
				5100	75X75	75X75	75X75	75X75	75X100	75X75	N.A.	N.A.
100	450	NOTCHED	2400	100X38	100X38	100X50	100X38	N.A.	N.A.	N.A.	N.A.	
			4400	100X38	100X38	100X50	100X38	N.A.	N.A.	N.A.	N.A.	
			5100	100X38	100X38	100X50	100X38	N.A.	N.A.	N.A.	N.A.	
			6600	100X38	100X38	100X50	100X38	N.A.	N.A.	N.A.	N.A.	
			8600	100X38	100X38	100X50	100X38	N.A.	N.A.	N.A.	N.A.	
		NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X38	100X38	100X50	100X38	
			4400	100X38	100X38	100X38	100X38	100X38	100X38	100X50	100X38	
			5100	100X38	100X38	100X38	100X38	100X38	100X38	100X50	100X38	
	100	600	NOTCHED	2400	100X38	100X38	100X75	100X50	N.A.	N.A.	N.A.	N.A.
				4400	100X38	100X38	100X75	100X50	N.A.	N.A.	N.A.	N.A.
				5100	100X38	100X38	100X75	100X50	N.A.	N.A.	N.A.	N.A.
				6600	100X38	100X38	100X75	100X50	N.A.	N.A.	N.A.	N.A.
				8600	100X38	100X38	100X75	100X50	N.A.	N.A.	N.A.	N.A.
			NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X50	100X38	100X75	100X50
				4400	100X38	100X38	100X38	100X38	100X50	100X38	100X75	100X50
				5100	100X38	100X38	100X38	100X38	100X50	100X38	100X75	100X50
			6600	100X38	100X38	100X38	100X38	100X50	100X38	100X75	100X50	
			8600	100X38	100X38	100X38	100X38	100X50	100X38	100X75	100X50	

See notes at DPR 25 and DPR 26

**WALL STUDS - 3000 mm HIGH - SINGLE or UPPER STOREY
TILE ROOF - RAFTERS or TRUSSES @ 900mm CENTRES**

DPR 35

FRAME SIZE	STUD SPACING in mm	NOTCHED FOR BRACING	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C		
				F14	F17	F14	F17	F14	F17	F14	F17	
75	450	NOTCHED	2400	75X50	75X50	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
			4400	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
			5100	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
			6600	N.A.	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
			8600	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
		NOT NOTCHED	2400	75X50	75X50	75X50	75X50	75X75	75X75	N.A.	N.A.	
			4400	75X50	75X50	75X50	75X50	75X75	75X75	N.A.	N.A.	
			5100	75X75	75X75	75X75	75X75	75X75	75X75	N.A.	N.A.	
	600	NOTCHED	2400	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
			4400	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
			5100	75X75	75X75	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
			6600	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
			8600	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
		NOT NOTCHED	2400	75X75	75X75	75X75	75X75	75X100	75X75	N.A.	N.A.	
			4400	75X75	75X75	75X75	75X75	75X100	75X75	N.A.	N.A.	
			5100	75X75	75X75	75X75	75X75	75X100	75X75	N.A.	N.A.	
100	450	NOTCHED	2400	100X38	100X38	100X50	100X38	N.A.	N.A.	N.A.	N.A.	
			4400	100X38	100X38	100X50	100X38	N.A.	N.A.	N.A.	N.A.	
			5100	100X38	100X38	100X50	100X38	N.A.	N.A.	N.A.	N.A.	
			6600	100X38	100X38	100X50	100X38	N.A.	N.A.	N.A.	N.A.	
			8600	100X38	100X38	100X50	100X38	N.A.	N.A.	N.A.	N.A.	
			NOT NOTCHED	2400	100X38	100X38	100X38	100X38	100X38	100X38	100X50	100X38
		4400		100X38	100X38	100X38	100X38	100X38	100X38	100X50	100X38	
		5100		100X38	100X38	100X38	100X38	100X38	100X38	100X50	100X38	
		6600		100X38	100X38	100X38	100X38	100X38	100X38	100X50	100X38	
		8600		100X38	100X38	100X38	100X38	100X38	100X38	100X50	100X38	
		600		NOTCHED	2400	100X38	100X38	100X75	100X50	N.A.	N.A.	N.A.
			4400		100X38	100X38	100X75	100X50	N.A.	N.A.	N.A.	N.A.
	5100		100X38		100X38	100X75	100X50	N.A.	N.A.	N.A.	N.A.	
	6600		100X38		100X38	100X75	100X50	N.A.	N.A.	N.A.	N.A.	
	8600		100X38		100X38	100X75	100X50	N.A.	N.A.	N.A.	N.A.	
	NOT NOTCHED		2400		100X38	100X38	100X38	100X38	100X50	100X38	100X75	100X50
			4400	100X38	100X38	100X38	100X38	100X50	100X38	100X75	100X50	
			5100	100X38	100X38	100X38	100X38	100X50	100X38	100X75	100X50	
			6600	100X38	100X38	100X38	100X38	100X50	100X38	100X75	100X50	
			8600	100X38	100X38	100X38	100X38	100X50	100X38	100X75	100X50	

See notes at DPR 25 and DPR 26

**WALL STUDS - 3300 mm/4200 mm HIGH - NOT NOTCHED
SHEET ROOF - SINGLE or UPPER STOREY**

STUD HEIGHT	RAFTER/ TRUSS SPACING	STUD SPACING in mm	ROOF SPAN in mm	RAFTERS & TRUSSES UP TO 1200 mm				TRUSSES ONLY			
				W33N-W41N		W41C		UP TO 1200 mm		UP TO 900 mm	
				F14	F17	F14	F17	W50C		W60C	
				F14	F17	F14	F17	F14	F17	F14	F17
3300 mm HIGH STUDS	RAFTERS or TRUSSES at 900 mm and 1200 mm CENTRES	450	2400	100X38	100X38	100X38	100X38	100X50	100X50	100X75	100X75
			4400	100X38	100X38	100X38	100X38	100X50	100X50	100X75	100X75
			5100	100X38	100X38	100X38	100X38	100X50	100X50	100X75	100X75
			6600	100X38	100X38	100X38	100X38	100X50	100X50	100X75	100X75
			8600	100X50	100X38	100X50	100X38	100X50	100X50	100X75	100X75
		600	2400	100X50	100X38	100X50	100X38	100X75	100X75	100x100	100x100
			4400	100X50	100X38	100X50	100X38	100X75	100X75	100x100	100x100
			5100	100X50	100X38	100X50	100X38	100X75	100X75	100x100	100x100
			6600	100X50	100X38	100X50	100X38	100X75	100X75	100x100	100x100
			8600	100X50	100X38	100X50	100X38	100X75	100X75	100x100	100x100
3600 mm HIGH STUDS	RAFTERS or TRUSSES at 900 mm and 1200 mm CENTRES	450	2400	100X50	100X38	100X50	100X50	100X75	100X75	125X75	100x100
			4400	100X50	100X38	100X50	100X50	100X75	100X75	125X75	100x100
			5100	100X50	100X38	100X50	100X50	100X75	100X75	125X75	100x100
			6600	100X50	100X38	100X50	100X50	100X75	100X75	125X75	100x100
			8600	100X50	100X38	100X50	100X50	100X75	100X75	125X75	100x100
		600	2400	100X50	100X50	100X75	100X75	100x100	100x100	125X75	125X75
			4400	100X50	100X50	100X75	100X75	100x100	100x100	125X75	125X75
			5100	100X50	100X50	100X75	100X75	100x100	100x100	125X75	125X75
			6600	100X50	100X50	100X75	100X75	100x100	100x100	125X75	125X75
			8600	100X50	100X50	100X75	100X75	100x100	100x100	125X75	125X75
3900 mm HIGH STUDS	RAFTERS or TRUSSES at 900 mm CENTRES	450	2400	100X75	100X75	100X75	100X75	125X75	125X50	125X100	125X75
			4400	100X75	100X75	100X75	100X75	125X75	125X50	125X100	125X75
			5100	100X75	100X75	100X75	100X75	125X75	125X50	125X100	125X75
			6600	100X75	100X75	100X75	100X75	125X75	125X50	125X100	125X75
			8600	100X75	100X75	100X75	100X75	125X75	125X50	125X100	125X75
		600	2400	100X75	100X75	100x100	100x100	125X75	125X75	150X75	150X75
			4400	100X75	100X75	100x100	100x100	125X75	125X75	150X75	150X75
			5100	100X75	100X75	100x100	100x100	125X75	125X75	150X75	150X75
			6600	100X75	100X75	100x100	100x100	125X75	125X75	150X75	150X75
			8600	100X75	100X75	100x100	100x100	125X75	125X75	150X75	150X75
4200 mm HIGH STUDS	RAFTERS or TRUSSES at 1200 mm CENTRES	450	2400	100X75	100X75	125X75	100x100	150X75	150X75	150X75	150X75
			4400	100X75	100X75	125X75	100x100	150X75	150X75	150X75	150X75
			5100	100X75	100X75	125X75	100x100	150X75	150X75	150X75	150X75
			6600	100X75	100X75	125X75	100x100	150X75	150X75	150X75	150X75
			8600	100X75	100X75	125X75	100x100	150X75	150X75	150X75	150X75
		600	2400	100X75	100X75	125X75	125X75	150X75	150X75	N.A.	N.A.
			4400	100X75	100X75	125X75	125X75	150X75	150X75	N.A.	N.A.
			5100	100X75	100X75	125X75	125X75	150X75	150X75	N.A.	N.A.
			6600	100X75	100X75	125X75	125X75	150X75	150X75	N.A.	N.A.
			8600	100X75	100X75	125X75	125X75	150X75	150X75	N.A.	N.A.

See notes at DPR 25 and DPR 26

**WALL STUDS - 3300 mm/4200 mm HIGH - NOT NOTCHED
TILE ROOF - SINGLE or UPPER STOREY**

DPR 37

STUD HEIGHT	RAFTER/ TRUSS SPACING	STUD SPACING in mm	ROOF SPAN in mm	RAFTERS & TRUSSES		TRUSSES ONLY					
				W33N-W41N		W41C		W50C		W60C	
				F14	F17	F14	F17	F14	F17	F14	F17
3300 mm HIGH STUDS	RAFTERS or TRUSSES at 900 mm CENTRES	450	2400	100X38	100X38	100X38	100X38	100X50	100X50	100X75	100X75
			4400	100X38	100X38	100X38	100X38	100X50	100X50	100X75	100X75
			5100	100X38	100X38	100X38	100X38	100X50	100X50	100X75	100X75
			6600	100X38	100X38	100X38	100X38	100X50	100X50	100X75	100X75
			8600	100X50	100X38	100X50	100X38	100X50	100X50	100X75	100X75
		600	2400	100X50	100X38	100X50	100X38	100X75	100X75	100x100	100x100
			4400	100X50	100X38	100X50	100X38	100X75	100X75	100x100	100x100
			5100	100X50	100X38	100X50	100X38	100X75	100X75	100x100	100x100
			6600	100X50	100X38	100X50	100X38	100X75	100X75	100x100	100x100
			8600	100X50	100X38	100X50	100X38	100X75	100X75	100x100	100x100
3600 mm HIGH STUDS	RAFTERS or TRUSSES at 900 mm CENTRES	450	2400	100X50	100X38	100X50	100X50	100X75	100X75	125X75	100x100
			4400	100X50	100X38	100X50	100X50	100X75	100X75	125X75	100x100
			5100	100X50	100X38	100X50	100X50	100X75	100X75	125X75	100x100
			6600	100X50	100X38	100X50	100X50	100X75	100X75	125X75	100x100
			8600	100X50	100X50	100X50	100X50	100X75	100X75	125X75	100x100
		600	2400	100X50	100X50	100X75	100X75	100x100	100x100	125X75	125X75
			4400	100X50	100X50	100X75	100X75	100x100	100x100	125X75	125X75
			5100	100X50	100X50	100X75	100X75	100x100	100x100	125X75	125X75
			6600	100X50	100X50	100X75	100X75	100x100	100x100	125X75	125X75
			8600	100X50	100X50	100X75	100X75	100x100	100x100	125X75	125X75
3900 mm HIGH STUDS	RAFTERS or TRUSSES at 900 mm CENTRES	450	2400	100X75	100X75	100X75	100X75	125X75	125X50	125X100	125X75
			4400	100X75	100X75	100X75	100X75	125X75	125X50	125X100	125X75
			5100	100X75	100X75	100X75	100X75	125X75	125X50	125X100	125X75
			6600	100X75	100X75	100X75	100X75	125X75	125X50	125X100	125X75
			8600	100X75	100X75	100X75	100X75	125X75	125X50	125X100	125X75
		600	2400	100X75	100X75	100x100	100x100	125X75	125X75	150X75	150X75
			4400	100X75	100X75	100x100	100x100	125X75	125X75	150X75	150X75
			5100	100X75	100X75	100x100	100x100	125X75	125X75	150X75	150X75
			6600	100X75	100X75	100x100	100x100	125X75	125X75	150X75	150X75
			8600	100X75	100X75	100x100	100x100	125X75	125X75	150X75	150X75
4200 mm HIGH STUDS	RAFTERS or TRUSSES at 900 mm CENTRES	450	2400	100X75	100X75	125X75	100x100	150X75	150X75	150X75	150X75
			4400	100X75	100X75	125X75	100x100	150X75	150X75	150X75	150X75
			5100	100X75	100X75	125X75	100x100	150X75	150X75	150X75	150X75
			6600	100X75	100X75	125X75	100x100	150X75	150X75	150X75	150X75
			8600	100X75	100X75	125X75	100x100	150X75	150X75	150X75	150X75
		600	2400	100X75	100X75	125X75	125X75	150X75	150X75	N.A.	N.A.
			4400	100X75	100X75	125X75	125X75	150X75	150X75	N.A.	N.A.
			5100	100X75	100X75	125X75	125X75	150X75	150X75	N.A.	N.A.
			6600	100X75	100X75	125X75	125X75	150X75	150X75	N.A.	N.A.
			8600	100X75	100X75	125X75	125X75	150X75	150X75	N.A.	N.A.

See notes at DPR 25 and DPR 26

**DPR
38**

**STUDS SUPPORTING CONCENTRATIONS OF LOAD
SHEET ROOF.-SINGLE or UPPER STOREY**

STUD HEIGHT in mm	FRAME SIZE in mm	NOTCHED FOR BRACING	ROOF AREA in m ²	W33N-W41N		W41C		W50C		W60C			
				F14	F17	F14	F17	F14	F17	F14	F17		
2400	75	NOTCHED	5	75X38	75X38	75X38	75X38	75X38	75X38	N.A.	N.A.		
			10	75X38	75X38	75X38	75X38	75X38	75X38	75X38	N.A.	N.A.	
			15	75X50	75X38	75X50	75X38	75X50	75X38	75X50	75X38	N.A.	N.A.
		NOT NOTCHED	5	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38
			10	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38
			15	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38
	100	NOTCHED	5	100X38	100X38	100X38	100X38	100X38	100X38	100X38	N.A.	N.A.	
			10	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	N.A.	N.A.
			15	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	N.A.	N.A.
		NOT NOTCHED	5	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			10	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			15	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
2700	75	NOTCHED	5	75X50	75X38	75X50	75X38	75X50	75X38	N.A.	N.A.		
			10	75X50	75X38	75X50	75X38	75X50	75X38	75X50	75X38	N.A.	N.A.
			15	75X75	75X50	75X75	75X50	75X75	75X50	75X75	75X50	N.A.	N.A.
		NOT NOTCHED	5	75X50	75X38	75X50	75X38	75X50	75X38	75X50	75X38	75X50	75X38
			10	75X50	75X38	75X50	75X38	75X50	75X38	75X50	75X38	75X50	75X38
			15	75X50	75X38	75X50	75X38	75X50	75X38	75X50	75X38	75X50	75X38
	100	NOTCHED	5	100X38	100X38	100X38	100X38	100X38	100X38	100X38	N.A.	N.A.	
			10	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	N.A.	N.A.
			15	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	N.A.	N.A.
		NOT NOTCHED	5	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			10	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			15	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
3000	75	NOTCHED	5	75X75	75X75	75X75	75X75	75X75	75X75	N.A.	N.A.		
			10	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	N.A.	N.A.
			15	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	N.A.	N.A.
		NOT NOTCHED	5	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
			10	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
			15	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
	100	NOTCHED	5	100X38	100X38	100X38	100X38	100X38	100X38	100X38	N.A.	N.A.	
			10	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	N.A.	N.A.
			15	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	N.A.	N.A.
		NOT NOTCHED	5	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			10	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			15	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38

Notes to DPR 38 and DPR 39:

1. Where studs supporting concentrations of load occur in external walls, their size shall be the greater of the size obtained from this table or the common external stud size.
2. For hanging beams (not applicable to W60C), the area supported to be used in the table shall be one half of the ceiling area supported by the beam.

**STUDS SUPPORTING CONCENTRATIONS OF LOAD
TILE ROOF – SINGLE or UPPER STOREY**

STUD HEIGHT in mm	FRAME SIZE in mm	NOTCHED FOR BRACING	ROOF AREA in m ²	W33N-W41N		W41C		W50C		W60C			
				F14	F17	F14	F17	F14	F17	F14	F17		
2400	75	NOTCHED	5	75X38	75X38	75X38	75X38	75X38	75X38	N.A.	N.A.		
			10	75X75	75X75	75X75	75X75	75X75	75X75	N.A.	N.A.		
			15	75X100	75X100	75X100	75X100	75X100	75X100	N.A.	N.A.		
		NOT NOTCHED	5	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38		
			10	75X75	75X50	75X75	75X50	75X75	75X50	75X75	75X50		
			15	75X100	75X75	75X100	75X75	75X100	75X75	75X100	75X75		
	100	NOTCHED	5	100X38	100X38	100X38	100X38	100X38	100X38	100X38	N.A.	N.A.	
			10	100X38	100X38	100X38	100X38	100X38	100X38	100X38	N.A.	N.A.	
			15	100X50	100X38	100X50	100X38	100X50	100X38	100X50	100X38	N.A.	N.A.
		NOT NOTCHED	5	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			10	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			15	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
2700	75	NOTCHED	5	75X50	75X38	75X50	75X38	75X50	75X38	N.A.	N.A.		
			10	75X100	75X75	75X100	75X75	75X100	75X75	N.A.	N.A.		
			15	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
		NOT NOTCHED	5	75X50	75X38	75X50	75X38	75X50	75X38	75X50	75X38		
			10	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75		
			15	N.A.	75X100	N.A.	75X100	N.A.	75X100	N.A.	75X100		
	100	NOTCHED	5	100X38	100X38	100X38	100X38	100X38	100X38	100X38	N.A.	N.A.	
			10	100X38	100X38	100X38	100X38	100X38	100X38	100X38	N.A.	N.A.	
			15	100X75	100X50	100X75	100X50	100X75	100X50	100X75	100X50	N.A.	N.A.
		NOT NOTCHED	5	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			10	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			15	100X50	100X50	100X50	100X50	100X50	100X50	100X50	100X50	100X50	100X50
3000	75	NOTCHED	5	75X75	75X75	75X75	75X75	75X75	75X75	N.A.	N.A.		
			10	N.A.	75X100	N.A.	75X100	N.A.	75X100	N.A.	N.A.		
			15	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
		NOT NOTCHED	5	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75		
			10	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100		
			15	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.		
	100	NOTCHED	5	100X38	100X38	100X38	100X38	100X38	100X38	100X38	N.A.	N.A.	
			10	100X50	100X38	100X50	100X38	100X50	100X38	100X50	100X38	N.A.	N.A.
			15	100X75	100X50	100X75	100X50	100X75	100X50	100X75	100X50	N.A.	N.A.
		NOT NOTCHED	5	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			10	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
			15	100X75	100X50	100X75	100X50	100X75	100X50	100X75	100X50	100X75	100X50

See notes at DPR 38.

**WALL STUDS – INTERNAL LOADBEARING WALLS
SHEET ROOF – ROOF SPAN 3600 mm**

STUD HEIGHT in mm	STUD SPACING in mm	NOTCHED FOR BRACING	W33N-W41N NOT APPLICABLE	max. 3.6 m ² of roof supported					
				W41C		W50C		W60C	
				F14	F17	F14	F17	F14	F17
2400	450	NOTCHED		75X38	75X38	75X38	75X38	N.A.	N.A.
		NOT NOTCHED		75X38	75X38	75X38	75X38	75X38	75X38
	600	NOTCHED		75X38	75X38	75X38	75X38	N.A.	N.A.
		NOT NOTCHED		75X38	75X38	75X38	75X38	75X38	75X38
2700	450	NOTCHED		75X38	75X38	75X38	75X38	N.A.	N.A.
		NOT NOTCHED		75X38	75X38	75X38	75X38	75X38	75X38
	600	NOTCHED		75X50	75X38	75X50	75X38	N.A.	N.A.
		NOT NOTCHED		75X50	75X38	75X50	75X38	75X50	75X38
3000	450	NOTCHED		75X50	75X50	75X50	75X50	N.A.	N.A.
		NOT NOTCHED		75X50	75X50	75X50	75X50	75X50	75X50
	600	NOTCHED		75X75	75X75	75X75	75X75	N.A.	N.A.
		NOT NOTCHED		75X75	75X75	75X75	75X75	75X75	75X75
3300	450	NOTCHED		75X75	75X75	75X75	75X75	N.A.	N.A.
		NOT NOTCHED		75X75	75X75	75X75	75X75	75X75	75X75
	600	NOTCHED		100X38	100X38	100X38	100X38	N.A.	N.A.
		NOT NOTCHED		100X38	100X38	100X38	100X38	100X38	100X38
3600	450	NOTCHED		100X50	100X38	100X50	100X38	N.A.	N.A.
		NOT NOTCHED		100X50	100X38	100X50	100X38	100X50	100X38
	600	NOTCHED		100X50	100X50	100X50	100X50	N.A.	N.A.
		NOT NOTCHED		100X50	100X50	100X50	100X50	100X50	100X50
3900	450	NOTCHED		100X50	100X50	100X50	100X50	N.A.	N.A.
		NOT NOTCHED		100X50	100X50	100X50	100X50	100X50	100X50
	600	NOTCHED		100X75	100X75	100X75	100X75	N.A.	N.A.
		NOT NOTCHED		100X75	100X75	100X75	100X75	100X75	100X75
4200	450	NOTCHED		100X75	100X75	100X75	100X75	N.A.	N.A.
		NOT NOTCHED		100X75	100X75	100X75	100X75	100X75	100X75
	600	NOTCHED		100X75	100X75	100X75	100X75	N.A.	N.A.
		NOT NOTCHED		100X75	100X75	100X75	100X75	100X75	100X75

Notes to DPR 40 to DPR 43:

1. 100X38 mm may be used in lieu of 75X75 mm.
2. These tables are based on studs supporting not more than the roof area given in the table. Multiple studs may be used to support larger roof areas, e.g. number of studs required to support roof beam = roof area supported at studs ÷ maximum roof area permitted.
3. Large sizes may be made up by vertical nail lamination, or alternatively where stud sizes are 70 or 100 mm thick, studs of 38 or 50 mm thick respectively may be used at one half of the stud spacing shown in the tables.

WALL STUDS – INTERNAL LOADBEARING WALLS
SHEET ROOF – ROOF SPAN 6600 mm

DPR 41

				max. 5.4 m ² of roof supported					
STUD HEIGHT in mm	STUD SPACING in mm	NOTCHED FOR BRACING	W33N-W41N NOT APPLICABLE	W41C		W50C		W60C	
				F14	F17	F14	F17	F14	F17
2400	450	NOTCHED		75X38	75X38	75X38	75X38	N.A.	N.A.
		NOT NOTCHED		75X38	75X38	75X38	75X38	75X38	75X38
	600	NOTCHED		75X38	75X38	75X38	75X38	N.A.	N.A.
		NOT NOTCHED		75X38	75X38	75X38	75X38	75X38	75X38
2700	450	NOTCHED		75X50	75X38	75X50	75X38	N.A.	N.A.
		NOT NOTCHED		75X50	75X38	75X50	75X38	75X50	75X38
	600	NOTCHED		75X50	75X38	75X50	75X38	N.A.	N.A.
		NOT NOTCHED		75X50	75X38	75X50	75X38	75X50	75X38
3000	450	NOTCHED		75X75	75X50	75X75	75X50	N.A.	N.A.
		NOT NOTCHED		75X75	75X50	75X75	75X50	75X75	75X50
	600	NOTCHED		75X75	75X75	75X75	75X75	N.A.	N.A.
		NOT NOTCHED		75X75	75X75	75X75	75X75	75X75	75X75
3300	450	NOTCHED		100X38	100X38	100X38	100X38	N.A.	N.A.
		NOT NOTCHED		75X75	75X75	75X75	75X75	75X75	75X75
	600	NOTCHED		100X38	100X38	100X38	100X38	N.A.	N.A.
		NOT NOTCHED		100X38	100X38	100X38	100X38	100X38	100X38
3600	450	NOTCHED		100X50	100X50	100X50	100X50	N.A.	N.A.
		NOT NOTCHED		100X50	100X38	100X50	100X38	100X50	100X38
	600	NOTCHED		100X50	100X50	100X50	100X50	N.A.	N.A.
		NOT NOTCHED		100X50	100X50	100X50	100X50	100X50	100X50
3900	450	NOTCHED		100X50	100X50	100X50	100X50	N.A.	N.A.
		NOT NOTCHED		100X50	100X50	100X50	100X50	100X50	100X50
	600	NOTCHED		100X75	100X75	100X75	100X75	N.A.	N.A.
		NOT NOTCHED		100X75	100X75	100X75	100X75	100X75	100X75
4200	450	NOTCHED		100X75	100X75	100X75	100X75	N.A.	N.A.
		NOT NOTCHED		100X75	100X75	100X75	100X75	100X75	100X75
	600	NOTCHED		100X75	100X75	100X75	100X75	N.A.	N.A.
		NOT NOTCHED		100X75	100X75	100X75	100X75	100X75	100X75

See notes at DPR 40.

WALL STUDS - INTERNAL LOADBEARING WALLS
TILE ROOF - ROOF SPAN 3600 mm

STUD HEIGHT in mm	STUD SPACING in mm	NOTCHED FOR BRACING	W33N-W41N NOT APPLICABLE	max. 2.7 m ² of roof supported					
				W41C		W50C		W60C	
				F14	F17	F14	F17	F14	F17
2400	450	NOTCHED		75X38	75X38	75X38	75X38	N.A.	N.A.
		NOT NOTCHED		75X38	75X38	75X38	75X38	75X38	75X38
	600	NOTCHED		75X38	75X38	75X38	75X38	N.A.	N.A.
		NOT NOTCHED		75X38	75X38	75X38	75X38	75X38	75X38
2700	450	NOTCHED		75X38	75X38	75X38	75X38	N.A.	N.A.
		NOT NOTCHED		75X38	75X38	75X38	75X38	75X38	75X38
	600	NOTCHED		75X50	75X50	75X50	75X50	N.A.	N.A.
		NOT NOTCHED		75X50	75X38	75X50	75X38	75X50	75X38
3000	450	NOTCHED		75X75	75X50	75X75	75X50	N.A.	N.A.
		NOT NOTCHED		75X50	75X50	75X50	75X50	75X50	75X50
	600	NOTCHED		75X75	75X75	75X75	75X75	N.A.	N.A.
		NOT NOTCHED		75X75	75X75	75X75	75X75	75X75	75X75
3300	450	NOTCHED		75X75	75X75	75X75	75X75	N.A.	N.A.
		NOT NOTCHED		75X75	75X75	75X75	75X75	75X75	75X75
	600	NOTCHED		100X38	100X38	100X38	100X38	N.A.	N.A.
		NOT NOTCHED		100X38	100X38	100X38	100X38	100X38	100X38
3600	450	NOTCHED		100X50	100X38	100X50	100X38	N.A.	N.A.
		NOT NOTCHED		100X50	100X38	100X50	100X38	100X50	100X50
	600	NOTCHED		100X50	100X50	100X50	100X50	N.A.	N.A.
		NOT NOTCHED		100X50	100X50	100X50	100X50	100X50	100X50
3900	450	NOTCHED		100X50	100X50	100X50	100X50	N.A.	N.A.
		NOT NOTCHED		100X50	100X50	100X50	100X50	100X50	100X50
	600	NOTCHED		100X75	100X75	100X75	100X75	N.A.	N.A.
		NOT NOTCHED		100X75	100X75	100X75	100X75	100X75	100X75
4200	450	NOTCHED		100X75	100X75	100X75	100X75	N.A.	N.A.
		NOT NOTCHED		100X75	100X75	100X75	100X75	100X75	100X75
	600	NOTCHED		100X75	100X75	100X75	100X75	N.A.	N.A.
		NOT NOTCHED		100X75	100X75	100X75	100X75	100X75	100X75

See notes at DPR 40.

WALL STUDS - INTERNAL LOADBEARING WALLS
TILE ROOF - ROOF SPAN 6600 mm

DPR 43

				max. 7.2 m ² of roof supported					
STUD HEIGHT in mm	STUD SPACING in mm	NOTCHED FOR BRACING	W33N-W41N NOT APPLICABLE	W41C		W50C		W60C	
				F14	F17	F14	F17	F14	F17
2400	450	NOTCHED		100X38	75X50	100X38	75X50	N.A.	N.A.
		NOT NOTCHED		75X50	75X50	75X50	75X50	75X50	75X50
	600	NOTCHED		100X38	75X50	100X38	75X50	N.A.	N.A.
		NOT NOTCHED		75X50	75X50	75X50	75X50	75X50	75X50
2700	450	NOTCHED		100X38	100X38	100X38	100X38	N.A.	N.A.
		NOT NOTCHED		100X38	75X50	100X38	75X50	100X38	75X50
	600	NOTCHED		100X38	100X38	100X38	100X38	N.A.	N.A.
		NOT NOTCHED		100X38	100X38	100X38	100X38	100X38	100X38
3000	450	NOTCHED		100X38	100X38	100X38	100X38	N.A.	N.A.
		NOT NOTCHED		100X38	75X75	100X38	75X75	100X38	75X75
	600	NOTCHED		100X38	100X38	100X38	100X38	N.A.	N.A.
		NOT NOTCHED		100X38	100X38	100X38	100X38	100X38	100X38
3300	450	NOTCHED		100X50	100X38	100X50	100X38	N.A.	N.A.
		NOT NOTCHED		100X38	75X75	100X38	75X75	100X38	75X75
	600	NOTCHED		100X50	100X38	100X50	100X38	N.A.	N.A.
		NOT NOTCHED		100X38	100X38	100X38	100X38	100X38	100X38
3600	450	NOTCHED		100X50	100X50	100X50	100X50	N.A.	N.A.
		NOT NOTCHED		100X50	100X38	100X50	100X38	100X38	100X38
	600	NOTCHED		100X50	100X50	100X50	100X50	N.A.	N.A.
		NOT NOTCHED		100X50	100X50	100X50	100X50	100X50	100X50
3900	450	NOTCHED		100X75	100X50	100X75	100X50	N.A.	N.A.
		NOT NOTCHED		100X50	100X50	100X50	100X50	100X50	100X50
	600	NOTCHED		100X75	100X75	100X75	100X75	N.A.	N.A.
		NOT NOTCHED		100X75	100X75	100X75	100X75	100X75	100X75
4200	450	NOTCHED		100X75	100X75	100X75	100X75	N.A.	N.A.
		NOT NOTCHED		100X75	100X75	100X75	100X75	100X75	100X75
	600	NOTCHED		100X75	100X75	100X75	100X75	N.A.	N.A.
		NOT NOTCHED		100X75	100X75	100X75	100X75	100X75	100X75

See notes at DPR 40.

**WALL PLATES NOT RESISTING UPLIFT (NOT TRENCHED FOR STUDS)
SHEET ROOF - RAFTERS or TRUSSES @ 900mm CENTRES**

FRAME SIZE	STUD or JOIST SPACING in mm	PLATE	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C			
				F14	F17	F14	F17	F14	F17	F14	F17		
75	450	TOP	2400	38X75	38X75	38X75	38X75	38X75	38X75	38X75	38X75	38X75	
			4400	50X75	38X75	50X75	38X75	50X75	38X75	50X75	38X75	50X75	38X75
			5100	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
			6600	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
			8600	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
		BOTTOM	2400	38X75	38X75	38X75	38X75	38X75	38X75	38X75	38X75	38X75	38X75
			4400	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
			5100	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
			6600	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
			8600	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
75	600	TOP	2400	38X75	38X75	38X75	38X75	38X75	38X75	38X75	38X75	38X75	
			4400	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	
			5100	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	
			6600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
			8600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
		BOTTOM	2400	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
			4400	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
			5100	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
			6600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
			8600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
100	450	TOP	2400	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	
			4400	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	
			5100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	
			6600	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	
			8600	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	
		BOTTOM	2400	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100
			4400	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100
			5100	50X100	38X100	50X100	38X100	50X100	38X100	50X100	38X100	50X100	38X100
			6600	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
			8600	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
100	600	TOP	2400	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	
			4400	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	
			5100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	
			6600	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	
			8600	75X100	50X100	75X100	50X100	75X100	50X100	75X100	50X100	75X100	50X100
		BOTTOM	2400	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
			4400	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
			5100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
			6600	75X100	50X100	75X100	50X100	75X100	50X100	75X100	50X100	75X100	50X100
			8600	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100

Notes to DPR 44 to DPR 47:

General, applicable to all windspeeds.

- Where rafters or trusses are supported directly over studs or within 1.5 times the thickness of the top plate from the studs or the plate is stiffened at points of support, the top plate may be the same size as the common studs in the same wall.
- Where bottom plates are continuously supported by a concrete slab or solid noggings or where wall studs are directly in line with the floor joists, the bottom plate may be 75x38.
- Top plate sizes are based on the stud spacing and bottom plate sizes are based on the floor joist spacing.
- Where plates support concentrated loads such as roof beams, struts, strutting beams, large hanging beams, girder trusses, or jamb studs, the load shall be supported directly over a stud or floor joist or the plate must be stiffened in accordance with good building practice.
- The size of internal top and bottom plates in non-loadbearing bracing walls and partitions (not carrying roof loads) shall be not less than 35 mm thick x the depth of the studs and shall be of a stress grade not less than F4.

Applicable to W41C, W50C AND W60C:

- The tables DPR 44 to DPR 47 apply only where uplift loads from rafters or trusses are:
 - taken directly to the sub-structure by bolts, straps, or other means, OR
 - if rafters or trusses are connected directly to a stud located under the rafter or truss, OR
 - if the top plate is structurally connected to the bottom plate by structural plywood sheeting or timber panelling, OR
 - if the top plate is structurally stiffened to provide support against uplift.

**WALL PLATES NOT RESISTING UPLIFT (NOT TRENCHED FOR STUDS)
SHEET ROOF - RAFTERS or TRUSSES @ 1200mm CENTRES**

DPR 45

FRAME SIZE	STUD or JOIST SPACING in mm	PLATE	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE
				F14	F17	F14	F17	F14	F17	
75	450	TOP	2400	38X75	38X75	38X75	38X75	38X75	38X75	
			4400	50X75	50X75	50X75	50X75	50X75	50X75	
			5100	50X75	50X75	50X75	50X75	50X75	50X75	
			6600	50X75	50X75	50X75	50X75	50X75	50X75	
			8600	75X75	50X75	75X75	50X75	75X75	50X75	
		BOTTOM	2400	50X75	38X75	50X75	38X75	50X75	38X75	
			4400	50X75	50X75	50X75	50X75	50X75	50X75	
			5100	50X75	50X75	50X75	50X75	50X75	50X75	
			6600	50X75	50X75	50X75	50X75	50X75	50X75	
			8600	75X75	75X75	75X75	75X75	75X75	75X75	
75	600	TOP	2400	50X75	50X75	50X75	50X75	50X75	50X75	
			4400	50X75	50X75	50X75	50X75	50X75	50X75	
			5100	75X75	75X75	75X75	75X75	75X75	75X75	
			6600	75X75	75X75	75X75	75X75	75X75	75X75	
			8600	75X75	75X75	75X75	75X75	75X75	75X75	
		BOTTOM	2400	50X75	50X75	50X75	50X75	50X75	50X75	
			4400	75X75	75X75	75X75	75X75	75X75	75X75	
			5100	75X75	75X75	75X75	75X75	75X75	75X75	
			6600	75X75	75X75	75X75	75X75	75X75	75X75	
			8600	75X75	75X75	75X75	75X75	75X75	75X75	
100	450	TOP	2400	38X100	38X100	38X100	38X100	38X100	38X100	
			4400	38X100	38X100	38X100	38X100	38X100	38X100	
			5100	50X100	50X100	50X100	50X100	50X100	50X100	
			6600	50X100	50X100	50X100	50X100	50X100	50X100	
			8600	50X100	50X100	50X100	50X100	50X100	50X100	
		BOTTOM	2400	38X100	38X100	38X100	38X100	38X100	38X100	
			4400	50X100	50X100	50X100	50X100	50X100	50X100	
			5100	50X100	50X100	50X100	50X100	50X100	50X100	
			6600	50X100	50X100	50X100	50X100	50X100	50X100	
			8600	50X100	50X100	50X100	50X100	50X100	50X100	
100	600	TOP	2400	38X100	38X100	38X100	38X100	38X100	38X100	
			4400	50X100	50X100	50X100	50X100	50X100	50X100	
			5100	50X100	50X100	50X100	50X100	50X100	50X100	
			6600	75X100	50X100	75X100	50X100	75X100	50X100	
			8600	75X100	75X100	75X100	75X100	75X100	75X100	
		BOTTOM	2400	50X100	50X100	50X100	50X100	50X100	50X100	
			4400	50X100	50X100	50X100	50X100	50X100	50X100	
			5100	75X100	50X100	75X100	50X100	75X100	50X100	
			6600	75X100	75X100	75X100	75X100	75X100	75X100	
			8600	75X100	75X100	75X100	75X100	75X100	75X100	

See notes at DPR 44.

**WALL PLATES NOT RESISTING UPLIFT (NOT TRENCHED FOR STUDS)
TILE ROOF - RAFTERS or TRUSSES @ 600mm CENTRES**

FRAME SIZE	STUD or JOIST SPACING in mm	PLATE	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C			
				F14	F17	F14	F17	F14	F17	F14	F17		
75	450	TOP	2400	38X75	38X75	38X75	38X75	38X75	38X75	38X75	38X75	38X75	
			4400	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	
			5100	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	
			6600	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	
			8600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	
		BOTTOM	2400	50X75	38X75	50X75	38X75	50X75	38X75	50X75	38X75	50X75	38X75
			4400	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
			5100	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
			6600	75X75	50X75	75X75	50X75	75X75	50X75	75X75	50X75	75X75	50X75
			8600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
	75	600	TOP	2400	38X75	38X75	38X75	38X75	38X75	38X75	38X75	38X75	38X75
				4400	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
				5100	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
				6600	75X75	50X75	75X75	50X75	75X75	50X75	75X75	50X75	75X75
8600				75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
BOTTOM			2400	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
			4400	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
			5100	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
			6600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
			8600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
100	450	TOP	2400	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	
			4400	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	
			5100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	
			6600	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	
			8600	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	
		BOTTOM	2400	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100
			4400	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
			5100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
			6600	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
			8600	75X100	50X100	75X100	50X100	75X100	50X100	75X100	50X100	75X100	50X100
	100	600	TOP	2400	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100
				4400	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
				5100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
				6600	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
8600				75X100	50X100	75X100	50X100	75X100	50X100	75X100	50X100	75X100	50X100
BOTTOM			2400	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100
			4400	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
			5100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
			6600	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
			8600	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100

See notes at DPR 44.

**WALL PLATES NOT RESISTING UPLIFT (NOT TRENCHED FOR STUDS)
TILE ROOF - RAFTERS or TRUSSES @ 900mm CENTRES**

DPR 47

FRAME SIZE	STUD or JOIST SPACING in mm	PLATE	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C			
				F14	F17	F14	F17	F14	F17	F14	F17		
75	450	TOP	2400	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	
			4400	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	
			5100	75X75	50X75	75X75	50X75	75X75	50X75	75X75	50X75	75X75	
			6600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	
			8600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	
		BOTTOM	2400	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75
			4400	75X75	50X75	75X75	50X75	75X75	50X75	75X75	50X75	75X75	50X75
			5100	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
			6600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
			8600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
75	600	TOP	2400	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	50X75	
			4400	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	
			5100	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	
			6600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	
			8600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	
		BOTTOM	2400	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
			4400	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
			5100	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
			6600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
			8600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
100	450	TOP	2400	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	38X100	
			4400	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	
			5100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	
			6600	75X100	50X100	75X100	50X100	75X100	50X100	75X100	50X100	75X100	
			8600	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	
		BOTTOM	2400	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
			4400	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
			5100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	
			6600	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	
			8600	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	
100	600	TOP	2400	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	
			4400	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	
			5100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	
			6600	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	
			8600	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	
		BOTTOM	2400	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100	50X100
			4400	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100
			5100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	
			6600	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	
			8600	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	75X100	

See notes at DPR 44.

TOP PLATES TO RESIST UPLIFT (NOT TRENCHED FOR STUDS)
SHEET ROOF - RAFTERS or TRUSSES @ 900mm CENTRES

ROOF SPAN in mm	PLATES TIED DOWN at CENTRES in mm	W33N-W41N NOT APPLICABLE	75 mm FRAME					
			W41C		W50C		W60C	
			F14	F17	F14	F17	F14	F17
2400	450		38X75	38X75	38X75	38X75	38X75	38X75
	600		38X75	38X75	38X75	38X75	38X75	38X75
	900		38X75	38X75	50X75	38X75	50X75	50X75
	1200		50X75	38X75	50X75	50X75	75X75	75X75
	1350		50X75	50X75	75X75	75X75	75X75	75X75
	1800		75X75	75X75	75X75	75X75	100X75	100X75
4400	450		50X75	38X75	50X75	38X75	50X75	38X75
	600		50X75	50X75	50X75	50X75	50X75	50X75
	900		50X75	50X75	50X75	50X75	75X75	75X75
	1200		50X75	50X75	75X75	75X75	100X75	75X75
	1350		75X75	75X75	75X75	75X75	100X75	100X75
	1800		75X75	75X75	100X75	100X75	N.A.	N.A.
5100	450		50X75	50X75	50X75	50X75	50X75	50X75
	600		50X75	50X75	50X75	50X75	50X75	50X75
	900		50X75	50X75	75X75	50X75	75X75	75X75
	1200		75X75	50X75	75X75	75X75	100X75	100X75
	1350		75X75	75X75	100X75	75X75	100X75	100X75
	1800		100X75	75X75	N.A.	100X75	N.A.	N.A.
6600	450		50X75	50X75	50X75	50X75	50X75	50X75
	600		75X75	75X75	75X75	75X75	75X75	75X75
	900		75X75	75X75	75X75	75X75	100X75	75X75
	1200		75X75	75X75	100X75	75X75	N.A.	100X75
	1350		75X75	75X75	100X75	100X75	N.A.	N.A.
	1800		100X75	100X75	N.A.	N.A.	N.A.	N.A.
8600	450		50X75	50X75	50X75	50X75	75X75	50X75
	600		75X75	75X75	75X75	75X75	75X75	75X75
	900		75X75	75X75	75X75	75X75	100X75	100X75
	1200		75X75	75X75	100X75	100X75	N.A.	N.A.
	1350		100X75	75X75	100X75	100X75	N.A.	N.A.
	1800		100X75	100X75	N.A.	N.A.	N.A.	N.A.

No specific notes.

**TOP PLATES TO RESIST UPLIFT (NOT TRENCHED FOR STUDS)
SHEET ROOF - RAFTERS or TRUSSES @ 900mm CENTRES**

DPR 49

ROOF SPAN in mm	PLATES TIED DOWN at CENTRES in mm	W33N-W41N NOT APPLICABLE	100 mm FRAME					
			W41C		W50C		W60C	
			F14	F17	F14	F17	F14	F17
2400	450		38X100	38X100	38X100	38X100	38X100	38X100
	600		38X100	38X100	38X100	38X100	38X100	38X100
	900		38X100	38X100	38X100	38X100	50X100	50X100
	1200		38X100	38X100	50X100	50X100	75X100	75X100
	1350		50X100	38X100	50X100	50X100	75X100	75X100
	1800		50X100	50X100	75X100	75X100	100x100	75X100
4400	450		38X100	38X100	38X100	38X100	38X100	38X100
	600		50X100	50X100	50X100	50X100	50X100	50X100
	900		50X100	50X100	50X100	50X100	75X100	75X100
	1200		50X100	50X100	75X100	75X100	75X100	75X100
	1350		50X100	50X100	75X100	75X100	100x100	75X100
	1800		75X100	75X100	100x100	100x100	N.A.	100x100
5100	450		38X100	38X100	38X100	38X100	38X100	38X100
	600		50X100	50X100	50X100	50X100	50X100	50X100
	900		50X100	50X100	50X100	50X100	75X100	75X100
	1200		50X100	50X100	75X100	75X100	100x100	75X100
	1350		75X100	50X100	100x100	100x100	100x100	100x100
	1800		75X100	75X100	N.A.	N.A.	N.A.	N.A.
6600	450		50X100	50X100	50X100	50X100	50X100	50X100
	600		50X100	50X100	50X100	50X100	50X100	50X100
	900		50X100	50X100	75X100	50X100	75X100	75X100
	1200		75X100	50X100	100x100	75X100	100x100	100x100
	1350		75X100	75X100	N.A.	100x100	N.A.	100x100
	1800		100x100	75X100	N.A.	N.A.	N.A.	N.A.
8600	450		50X100	50X100	50X100	50X100	50X100	50X100
	600		75X100	50X100	75X100	50X100	75X100	50X100
	900		75X100	50X100	75X100	75X100	100x100	75X100
	1200		75X100	75X100	100x100	100x100	N.A.	100x100
	1350		75X100	75X100	N.A.	N.A.	N.A.	N.A.
	1800		100x100	100x100	N.A.	N.A.	N.A.	N.A.

No specific notes.

**DPR
50**

**TOP PLATES TO RESIST UPLIFT (NOT TRENCHED FOR STUDS)
SHEET ROOF - RAFTERS or TRUSSES @ 1200mm CENTRES**

ROOF SPAN in mm	PLATES TIED DOWN at CENTRES in mm	W33N-W41N NOT APPLICABLE	75 mm FRAME				W60C NOT APPLICABLE
			W41C		W50C		
			F14	F17	F14	F17	
2400	450		38X75	38X75	38X75	38X75	
	600		50X75	50X75	50X75	50X75	
	900		50X75	50X75	50X75	50X75	
	1200		50X75	50X75	50X75	50X75	
	1350		50X75	50X75	75X75	75X75	
	1800		75X75	75X75	75X75	75X75	
4400	450		50X75	50X75	50X75	50X75	
	600		50X75	50X75	50X75	50X75	
	900		50X75	50X75	50X75	50X75	
	1200		50X75	50X75	75X75	75X75	
	1350		75X75	75X75	75X75	75X75	
	1800		75X75	75X75	100X75	100X75	
5100	450		50X75	50X75	50X75	50X75	
	600		75X75	75X75	75X75	75X75	
	900		75X75	75X75	75X75	75X75	
	1200		75X75	75X75	75X75	75X75	
	1350		75X75	75X75	100X75	75X75	
	1800		100X75	75X75	N.A.	100X75	
6600	450		50X75	50X75	50X75	50X75	
	600		75X75	75X75	75X75	75X75	
	900		75X75	75X75	75X75	75X75	
	1200		75X75	75X75	100X75	75X75	
	1350		75X75	75X75	100X75	100X75	
	1800		100X75	100X75	N.A.	N.A.	
8600	450		75X75	50X75	75X75	50X75	
	600		75X75	75X75	75X75	75X75	
	900		75X75	75X75	75X75	75X75	
	1200		75X75	75X75	100X75	100X75	
	1350		100X75	75X75	100X75	100X75	
	1800		100X75	100X75	N.A.	N.A.	

No specific notes.

**TOP PLATES TO RESIST UPLIFT (NOT TRENCHED FOR STUDS)
SHEET ROOF - RAFTERS or TRUSSES @ 1200mm CENTRES**

DPR 51

ROOF SPAN in mm	PLATES TIED DOWN at CENTRES in mm	W33N-W41N NOT APPLICABLE	100 mm FRAME				W60C NOT APPLICABLE
			W41C		W50C		
			F14	F17	F14	F17	
2400	450		38X100	38X100	38X100	38X100	
	600		38X100	38X100	38X100	38X100	
	900		38X100	38X100	38X100	38X100	
	1200		38X100	38X100	38X100	50X100	
	1350		50X100	38X100	50X100	50X100	
	1800		50X100	50X100	75X100	75X100	
4400	450		38X100	38X100	38X100	38X100	
	600		50X100	50X100	50X100	50X100	
	900		50X100	50X100	50X100	50X100	
	1200		50X100	50X100	75X100	75X100	
	1350		50X100	50X100	75X100	75X100	
	1800		75X100	75X100	100x100	100x100	
5100	450		50X100	50X100	50X100	50X100	
	600		50X100	50X100	50X100	50X100	
	900		50X100	50X100	50X100	50X100	
	1200		50X100	50X100	75X100	75X100	
	1350		75X100	50X100	100x100	100x100	
	1800		75X100	75X100	N.A.	N.A.	
6600	450		50X100	50X100	50X100	50X100	
	600		75X100	50X100	75X100	50X100	
	900		75X100	50X100	75X100	50X100	
	1200		75X100	50X100	100x100	75X100	
	1350		75X100	75X100	N.A.	100x100	
	1800		100x100	75X100	N.A.	N.A.	
8600	450		50X100	50X100	50X100	50X100	
	600		75X100	75X100	75X100	75X100	
	900		75X100	75X100	75X100	75X100	
	1200		75X100	75X100	100x100	100x100	
	1350		75X100	75X100	N.A.	N.A.	
	1800		100x100	100x100	N.A.	N.A.	

No specific notes.

TOP PLATES TO RESIST UPLIFT (NOT TRENCHED FOR STUDS)
TILE ROOF - RAFTERS or TRUSSES @ 600mm CENTRES

ROOF SPAN in mm	PLATES TIED DOWN at CENTRES in mm	W33N-W41N NOT APPLICABLE	W41C NOT APPLICABLE	75 mm FRAME			
				W50C		W60C	
				F14	F17	F14	F17
2400	450			38X75	38X75	50X75	50X75
	600			38X75	38X75	50X75	50X75
	900			38X75	38X75	50X75	50X75
	1200			50X75	50X75	75X75	75X75
	1350			50X75	50X75	75X75	75X75
	1800			75X75	75X75	100X75	100X75
4400	450			50X75	50X75	50X75	50X75
	600			50X75	50X75	75X75	75X75
	900			50X75	50X75	75X75	75X75
	1200			75X75	50X75	75X75	75X75
	1350			75X75	75X75	100X75	100X75
	1800			100X75	75X75	N.A.	100X75
5100	450			50X75	50X75	75X75	50X75
	600			50X75	50X75	75X75	75X75
	900			50X75	50X75	75X75	75X75
	1200			75X75	75X75	100X75	75X75
	1350			75X75	75X75	100X75	100X75
	1800			100X75	100X75	N.A.	N.A.
6600	450			75X75	50X75	75X75	75X75
	600			75X75	50X75	75X75	75X75
	900			75X75	50X75	75X75	75X75
	1200			75X75	75X75	100X75	100X75
	1350			75X75	75X75	N.A.	100X75
	1800			100X75	100X75	N.A.	N.A.
8600	450			75X75	75X75	75X75	75X75
	600			75X75	75X75	75X75	75X75
	900			75X75	75X75	100X75	75X75
	1200			75X75	75X75	N.A.	100X75
	1350			100X75	100X75	N.A.	N.A.
	1800			N.A.	100X75	N.A.	N.A.

No specific notes.

**TOP PLATES TO RESIST UPLIFT (NOT TRENCHED FOR STUDS)
TILE ROOF - RAFTERS or TRUSSES @ 600mm CENTRES**

DPR
53

ROOF SPAN in mm	PLATES TIED DOWN at CENTRES in mm	W33N-W41N NOT APPLICABLE	W41C NOT APPLICABLE	100 mm FRAME			
				W50C		W60C	
				F14	F17	F14	F17
2400	450			38X100	38X100	38X100	38X100
	600			38X100	38X100	50X100	50X100
	900			38X100	38X100	50X100	50X100
	1200			38X100	38X100	75X100	50X100
	1350			50X100	38X100	75X100	75X100
	1800			75X100	50X100	75X100	75X100
4400	450			50X100	50X100	50X100	50X100
	600			50X100	50X100	75X100	75X100
	900			50X100	50X100	75X100	75X100
	1200			50X100	50X100	75X100	75X100
	1350			75X100	50X100	75X100	75X100
	1800			75X100	75X100	100x100	100x100
5100	450			50X100	50X100	50X100	50X100
	600			50X100	50X100	75X100	75X100
	900			50X100	50X100	75X100	75X100
	1200			75X100	50X100	75X100	75X100
	1350			75X100	75X100	100x100	75X100
	1800			100x100	75X100	N.A.	100x100
6600	450			50X100	50X100	75X100	50X100
	600			50X100	50X100	75X100	75X100
	900			50X100	50X100	75X100	75X100
	1200			75X100	75X100	100x100	75X100
	1350			75X100	75X100	100x100	100x100
	1800			100x100	100x100	N.A.	N.A.
8600	450			75X100	50X100	75X100	75X100
	600			75X100	50X100	75X100	75X100
	900			75X100	50X100	75X100	75X100
	1200			75X100	75X100	100x100	100x100
	1350			75X100	75X100	N.A.	100x100
	1800			100x100	100x100	N.A.	N.A.

No specific notes.

TOP PLATES TO RESIST UPLIFT (NOT TRENCHED FOR STUDS)
TILE ROOF - RAFTERS or TRUSSES @ 900mm CENTRES

ROOF SPAN in mm	PLATES TIED DOWN at CENTRES in mm	W33N-W41N NOT APPLICABLE	W41C NOT APPLICABLE	75 mm FRAME			
				W50C		W60C	
				F14	F17	F14	F17
2400	450			50X75	50X75	50X75	50X75
	600			50X75	50X75	50X75	50X75
	900			50X75	50X75	50X75	50X75
	1200			50X75	50X75	75X75	75X75
	1350			50X75	50X75	75X75	75X75
	1800			75X75	75X75	100X75	100X75
4400	450			50X75	50X75	50X75	50X75
	600			75X75	75X75	75X75	75X75
	900			75X75	75X75	75X75	75X75
	1200			75X75	75X75	75X75	75X75
	1350			75X75	75X75	100X75	100X75
	1800			100X75	75X75	N.A.	100X75
5100	450			75X75	50X75	75X75	50X75
	600			75X75	75X75	75X75	75X75
	900			75X75	75X75	75X75	75X75
	1200			75X75	75X75	100X75	75X75
	1350			75X75	75X75	100X75	100X75
	1800			100X75	100X75	N.A.	N.A.
6600	450			75X75	75X75	75X75	75X75
	600			75X75	75X75	75X75	75X75
	900			75X75	75X75	75X75	75X75
	1200			75X75	75X75	100X75	100X75
	1350			75X75	75X75	N.A.	100X75
	1800			100X75	100X75	N.A.	N.A.
8600	450			75X75	75X75	75X75	75X75
	600			75X75	75X75	75X75	75X75
	900			75X75	75X75	100X75	75X75
	1200			75X75	75X75	N.A.	100X75
	1350			100X75	100X75	N.A.	N.A.
	1800			N.A.	100X75	N.A.	N.A.

No specific notes.

**TOP PLATES TO RESIST UPLIFT (NOT TRENCHED FOR STUDS)
TILE ROOF - RAFTERS or TRUSSES @ 900mm CENTRES**

DPR
55

ROOF SPAN in mm	PLATES TIED DOWN at CENTRES in mm	W33N-W41N NOT APPLICABLE	W41C NOT APPLICABLE	100 mm FRAME			
				W50C		W60C	
				F14	F17	F14	F17
2400	450			38X100	38X100	38X100	38X100
	600			50X100	50X100	50X100	50X100
	900			50X100	50X100	50X100	50X100
	1200			50X100	50X100	75X100	50X100
	1350			50X100	50X100	75X100	75X100
	1800			75X100	50X100	75X100	75X100
4400	450			50X100	50X100	50X100	50X100
	600			75X100	75X100	75X100	75X100
	900			75X100	75X100	75X100	75X100
	1200			75X100	75X100	75X100	75X100
	1350			75X100	75X100	75X100	75X100
	1800			75X100	75X100	100x100	100x100
5100	450			50X100	50X100	50X100	50X100
	600			75X100	75X100	75X100	75X100
	900			75X100	75X100	75X100	75X100
	1200			75X100	75X100	75X100	75X100
	1350			75X100	75X100	100x100	75X100
	1800			100x100	75X100	N.A.	100x100
6600	450			75X100	50X100	75X100	50X100
	600			75X100	75X100	75X100	75X100
	900			75X100	75X100	75X100	75X100
	1200			75X100	75X100	100x100	75X100
	1350			75X100	75X100	100x100	100x100
	1800			100x100	100x100	N.A.	N.A.
8600	450			75X100	75X100	75X100	75X100
	600			75X100	75X100	75X100	75X100
	900			75X100	75X100	75X100	75X100
	1200			75X100	75X100	100x100	100x100
	1350			75X100	75X100	N.A.	100x100
	1800			100x100	100x100	N.A.	N.A.

No specific notes.

LINTELS - SINGLE or UPPER STOREY
SHEET ROOF - RAFTERS or TRUSSES @ 900mm CENTRES

ROOF SPAN in mm	WIDTH OF OPENING in mm	W33N-W41N		W41C		W50C		W60C		
		F14	F17	F14	F17	F14	F17	F14	F17	
2400	900	50X75	50X75	50X75	50X75	50X75	50X75	75X75	75X75	
		50X100	50X100	75X50	75X50	75X50	75X50	75X100	75X100	
	1200	75X75	50X75	75X75	50X75	75X75	75X75	100X75	100X75	
		50X100	50X100	100X50	100X50	100X50	75X50	100x100	75X100	
	1500	75X75	75X75	75X75	75X75	100X75	75X75	100X75	100X75	
		100X50	100X50	100X50	100X50	100X50	100X50	100x100	100x100	
	1800	100X75	75X75	100X75	75X75	100X75	100X75	125X75	100X75	
		100X50	100X50	100X50	100X50	125X50	125X50	100x100	100x100	
	2100	100X75	100X75	100X75	100X75	125X75	125X75	125X75	125X75	
		125X50	125X50	125X50	125X50	150X50	125X50	N.A.	100x100	
	2400	125X75	125X75	125X75	125X75	150X75	125X75	150X75	125X75	
		150X50	150X50	150X50	150X50	175X75	150X50	N.A.	N.A.	
	4400	900	50X75	50X75	75X75	50X75	75X75	75X75	100X75	100X75
			50X100	50X100	75X50	75X50	100X50	75X50	100x100	100x100
1200		75X75	75X75	75X75	75X75	100X75	100X75	125X75	100X75	
		100X50	100X50	100X50	100X50	125X50	100X50	100x100	100x100	
1500		100X75	100X75	100X75	100X75	125X75	100X75	125X75	125X75	
		100X50	100X50	100X50	100X50	150X50	125X50	N.A.	100x100	
1800		125X75	125X75	125X75	125X75	150X75	125X75	150X75	125X75	
		125X50	125X50	125X50	125X50	175X50	150X50	N.A.	N.A.	
2100		150X75	125X75	150X75	125X75	150X75	150X75	175X75	150X75	
		150X50	150X50	150X50	150X50	200X50	175X50	N.A.	N.A.	
2400		175X75	150X75	175X75	150X75	175X75	175X75	200X75	175X75	
		175X50	175X50	175X50	175X50	225X50	200X50	N.A.	N.A.	
5100		900	50X75	50X75	75X75	75X75	75X75	75X75	125X75	100X75
			50X100	50X100	75X50	75X50	100X50	100X50	100x100	100x100
	1200	75X75	75X75	75X75	75X75	100X75	100X75	125X75	125X75	
		100X50	100X50	100X50	100X50	125X50	125X50	N.A.	100x100	
	1500	100X75	100X75	100X75	100X75	125X75	125X75	150X75	125X75	
		125X50	125X50	125X50	125X50	150X50	150X50	N.A.	N.A.	
	1800	125X75	125X75	125X75	125X75	150X75	150X75	150X75	150X75	
		150X50	150X50	150X50	150X50	175X50	175X50	N.A.	N.A.	
	2100	150X75	150X75	150X75	150X75	175X75	150X75	175X75	175X75	
		175X50	175X50	175X50	175X50	200X50	200X50	N.A.	N.A.	
	2400	175X75	175X75	175X75	175X75	200X75	175X75	200X75	200X75	
		200X50	200X50	200X50	200X50	225X50	225X50	N.A.	N.A.	
	6600	900	50X75	50X75	75X75	75X75	100X75	75X75	125X75	125X75
			50X100	50X100	100X50	75X50	125X50	100X50	N.A.	100x100
1200		100X75	100X75	100X75	100X75	125X75	100X75	150X75	125X75	
		100X50	100X50	125X50	100X50	150X50	150X50	N.A.	N.A.	
1500		125X75	100X75	125X75	100X75	150X75	125X75	175X75	150X75	
		125X50	125X50	150X50	125X50	200X50	175X50	N.A.	N.A.	
1800		150X75	125X75	150X75	125X75	175X75	150X75	175X75	175X75	
		150X50	150X50	150X50	150X50	225X50	200X50	N.A.	N.A.	
2100		175X75	150X75	175X75	150X75	200X75	175X75	225X75	200X75	
		200X50	175X50	200X50	175X50	275X50	225X50	N.A.	N.A.	
2400		200X75	175X75	200X75	175X75	225X75	200X75	250X75	225X75	
		225X50	200X50	225X50	200X50	300X50	250X50	N.A.	N.A.	
8600		900	100X75	75X75	100X75	75X75	100X75	100X75	150X75	125X75
			100X50	100X50	100X50	100X50	150X50	125X50	N.A.	N.A.
	1200	125X75	100X75	125X75	100X75	150X75	125X75	175X75	150X75	
		125X50	125X50	125X50	125X50	200X50	175X50	N.A.	N.A.	
	1500	125X75	125X75	125X75	125X75	175X75	150X75	175X75	175X75	
		150X50	150X50	150X50	150X50	250X50	225X50	N.A.	N.A.	
	1800	150X75	150X75	150X75	150X75	200X75	175X75	200X75	175X75	
		175X50	175X50	200X50	175X50	300X50	250X50	N.A.	N.A.	
	2100	175X75	175X75	175X75	175X75	225X75	200X75	250X75	200X75	
		200X50	200X50	225X50	200X50	N.A.	300X50	N.A.	N.A.	
	2400	200X75	200X75	200X75	200X75	275X75	225X75	275X75	250X75	
		250X50	225X50	250X50	225X50	N.A.	N.A.	N.A.	N.A.	

Notes to DPR 56 to DPR 59: See page 98.

**LINTELS - SINGLE or UPPER STOREY
SHEET ROOF - RAFTERS or TRUSSES @ 1200mm CENTRES**

DPR
57

ROOF SPAN in mm	WIDTH OF OPENING in mm	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE	
		F14	F17	F14	F17	F14	F17		
2400	900	50X75	50X75	50X75	50X75	75X75	50X75		
		50X100	50X100	100X50	100X50	75X50	75X50		
	1200	50X75	50X75	75X75	50X75	75X75	75X75		
		50X100	50X100	100X50	100X50	100X50	75X50		
	1500	75X75	75X75	75X75	75X75	100X75	75X75		
		100X50	100X50	100X50	100X50	100X50	100X50		
	1800	100X75	75X75	100X75	75X75	100X75	100X75		
		100X50	100X50	100X50	100X50	125X50	125X50		
	2100	100X75	100X75	100X75	100X75	125X75	125X75		
		125X50	125X50	125X50	125X50	150X50	125X50		
	2400	125X75	125X75	125X75	125X75	150X75	125X75		
		150X50	150X50	150X50	150X50	175X75	150X50		
	4400	900	50X75	50X75	75X75	50X75	75X75	75X75	
			50X100	50X100	100X50	100X50	100X50	75X50	
1200		75X75	75X75	75X75	75X75	100X75	100X75		
		100X50	100X50	100X50	100X50	125X50	100X50		
1500		100X75	100X75	100X75	100X75	125X75	100X75		
		100X50	100X50	100X50	100X50	150X50	125X50		
1800		125X75	125X75	125X75	125X75	150X75	125X75		
		125X50	125X50	125X50	125X50	175X50	150X50		
2100		150X75	125X75	150X75	125X75	150X75	150X75		
		150X50	150X50	150X50	150X50	200X50	175X50		
2400		175X75	150X75	175X75	150X75	175X75	175X75		
		175X50	175X50	175X50	175X50	225X50	200X50		
5100		900	50X75	50X75	75X75	75X75	75X75	75X75	
			50X100	50X100	75X50	75X50	100X50	100X50	
	1200	100X75	75X75	100X75	75X75	100X75	100X75		
		100X50	100X50	100X50	100X50	125X50	125X50		
	1500	100X75	100X75	100X75	100X75	125X75	125X75		
		125X50	125X50	125X50	125X50	150X50	150X50		
	1800	125X75	125X75	125X75	125X75	150X75	150X75		
		150X50	150X50	150X50	150X50	175X50	175X50		
	2100	150X75	150X75	150X75	150X75	175X75	150X75		
		175X50	175X50	175X50	175X50	200X50	200X50		
	2400	175X75	175X75	175X75	175X75	200X75	175X75		
		200X50	200X50	200X50	200X50	225X50	225X50		
	6600	900	75X75	75X75	75X75	75X75	100X75	75X75	
			100X50	50X100	100X50	75X50	125X50	100X50	
1200		100X75	100X75	100X75	100X75	125X75	100X75		
		125X50	100X50	125X50	100X50	150X50	150X50		
1500		125X75	125X75	125X75	125X75	150X75	125X75		
		150X50	125X50	150X50	125X50	200X50	175X50		
1800		150X75	125X75	150X75	125X75	175X75	150X75		
		150X50	150X50	150X50	150X50	225X50	200X50		
2100		175X75	150X75	175X75	150X75	200X75	175X75		
		200X50	175X50	200X50	175X50	275X50	225X50		
2400		200X75	175X75	200X75	175X75	225X75	200X75		
		225X50	200X50	225X50	200X50	300X50	250X50		
8600		900	100X75	100X75	100X75	100X75	100X75	100X75	
			125X50	100X50	125X50	100X50	150X50	125X50	
	1200	125X75	100X75	125X75	100X75	150X75	125X75		
		150X50	125X50	150X50	125X50	200X50	175X50		
	1500	150X75	125X75	150X75	125X75	175X75	150X75		
		150X50	150X50	150X50	150X50	250X50	225X50		
	1800	175X75	150X75	175X75	150X75	200X75	175X75		
		200X50	175X50	200X50	175X50	300X50	250X50		
	2100	200X75	175X75	200X75	175X75	225X75	200X75		
		225X50	200X50	225X50	200X50	N.A.	300X50		
	2400	225X75	200X75	225X75	200X75	275X75	225X75		
		250X50	225X50	250X50	225X50	N.A.	N.A.		

Notes to DPR 56 to DPR 59: See page 98.

LINTELS - SINGLE or UPPER STOREY
TILE ROOF - RAFTERS or TRUSSES @ 600mm CENTRES

ROOF SPAN in mm	WIDTH OF OPENING in mm	W33N-W41N		W41C		W50C		W60C		
		F14	F17	F14	F17	F14	F17	F14	F17	
2400	900	50X75	50X75	50X75	50X75	50X75	50X75	75X75	75X75	
		50X100	50X100	50X100	50X100	50X100	50X100	75X100	75X100	
	1200	50X75	50X75	50X75	50X75	75X75	75X75	100X75	75X75	
		50X100	50X100	50X100	50X100	100X50	100X50	75X100	75X100	
	1500	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75	
		100X50	100X50	100X50	100X50	125X50	100X50	100x100	75X100	
	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75	
		125X50	125X50	125X50	125X50	150X50	125X50	100x100	100x100	
	2100	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75	
		175X50	150X50	175X50	150X50	175X50	150X50	N.A.	N.A.	
	2400	175X75	150X75	175X75	150X75	175X75	175X75	175X75	175X75	
		200X50	175X50	200X50	175X50	200X50	175X50	N.A.	N.A.	
	4400	900	50X75	50X75	50X75	50X75	75X75	75X75	100X75	100X75
			50X100	50X100	50X100	50X100	100X50	100X50	100x100	75X100
1200		100X75	100X75	100X75	100X75	100X75	100X75	125X75	100X75	
		100X50	100X50	100X50	100X50	125X50	100X50	100x100	100x100	
1500		125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75	
		150X50	150X50	150X50	150X50	150X50	150X50	100x100	100x100	
1800		150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75	
		175X50	175X50	175X50	175X50	175X50	175X50	N.A.	N.A.	
2100		175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75	
		200X50	200X50	200X50	200X50	200X50	200X50	N.A.	N.A.	
2400		225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75	
		250X50	250X50	250X50	250X50	250X50	250X50	N.A.	N.A.	
5100		900	75X75	50X75	75X75	50X75	75X75	75X75	100X75	100X75
			50X100	50X100	50X100	50X100	100X50	100X50	100x100	100x100
	1200	100X75	100X75	100X75	100X75	125X75	125X75	125X75	125X75	
		125X50	100X50	125X50	100X50	125X50	125X50	N.A.	100x100	
	1500	125X75	125X75	125X75	125X75	150X75	150X75	150X75	150X75	
		150X50	150X50	150X50	150X50	175X50	150X50	N.A.	N.A.	
	1800	175X75	150X75	175X75	150X75	175X75	175X75	175X75	175X75	
		200X50	175X50	200X50	175X50	200X50	175X50	N.A.	N.A.	
	2100	200X75	175X75	200X75	175X75	200X75	200X75	200X75	200X75	
		225X50	200X50	225X50	200X50	250X50	225X50	N.A.	N.A.	
	2400	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75	
		275X50	250X50	275X50	250X50	275X75	275X75	N.A.	N.A.	
	6600	900	75X75	75X75	75X75	75X75	100X75	100X75	125X75	100X75
			100X50	100X50	100X50	100X50	100X50	100X50	100x100	100x100
1200		125X75	100X75	125X75	100X75	125X75	125X75	150X75	125X75	
		125X50	125X50	125X50	125X50	150X50	150X50	N.A.	N.A.	
1500		150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75	
		175X50	150X50	175X50	150X50	175X50	175X50	N.A.	N.A.	
1800		175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75	
		200X50	200X50	200X50	200X50	200X50	200X50	N.A.	N.A.	
2100		200X75	200X75	200X75	200X75	225X75	200X75	225X75	200X75	
		250X50	250X50	250X50	250X50	250X50	250X50	N.A.	N.A.	
2400		250X75	225X75	250X75	225X75	250X75	250X75	250X75	250X75	
		300X50	275X50	300X50	275X50	275X50	275X50	N.A.	N.A.	
8600		900	100X75	100X75	100X75	100X75	125X75	125X75	150X75	125X75
			125X50	100X50	125X50	100X50	125X50	125X50	N.A.	N.A.
	1200	150X75	125X75	150X75	125X75	150X75	150X75	150X75	150X75	
		150X50	150X50	150X50	150X50	150X50	150X50	N.A.	N.A.	
	1500	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75	
		200X50	175X50	200X50	175X50	200X50	200X50	N.A.	N.A.	
	1800	225X75	200X75	225X75	200X75	200X75	200X75	200X75	200X75	
		250X50	225X50	250X50	225X50	250X50	225X50	N.A.	N.A.	
	2100	250X75	250X75	250X75	250X75	250X75	225X75	250X75	225X75	
		300X50	275X50	300X50	275X50	275X50	250X50	N.A.	N.A.	
	2400	275X75	250X75	275X75	250X75	275X75	275X75	275X75	275X75	
		N.A.	300X50	N.A.	300X50	300X50	300X50	N.A.	N.A.	

Notes to DPR 56 to DPR 59: See page 98.

**LINTELS - SINGLE or UPPER STOREY
TILE ROOF - RAFTERS or TRUSSES @ 900mm CENTRES**

DPR 59

ROOF SPAN in mm	WIDTH OF OPENING in mm	W33N-W41N		W41C		W50C		W60C		
		F14	F17	F14	F17	F14	F17	F14	F17	
2400	900	50X75	50X75	50X75	50X75	50X75	50X75	75X75	75X75	
		50X100	50X100	50X100	50X100	50X100	50X100	75X100	75X100	
	1200	75X75	75X75	75X75	75X75	75X75	75X75	100X75	75X75	
		100X50	100X50	100X50	100X50	100X50	100X50	75X100	75X100	
	1500	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75	
		125X50	100X50	125X50	100X50	125X50	100X50	100x100	75X100	
	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75	
		150X50	125X50	150X50	125X50	150X50	125X50	100x100	100x100	
	2100	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75	
		175X50	150X50	175X50	150X50	175X50	150X50	N.A.	N.A.	
	2400	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75	
		200X50	175X50	200X50	175X50	200X50	175X50	N.A.	N.A.	
	4400	900	75X75	75X75	75X75	75X75	75X75	75X75	100X75	100X75
			100X50	100X50	100X50	100X50	100X50	100X50	100x100	75X100
1200		100X75	100X75	100X75	100X75	100X75	100X75	125X75	100X75	
		125X50	100X50	125X50	100X50	125X50	100X50	100x100	100x100	
1500		125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75	
		150X50	150X50	150X50	150X50	150X50	150X50	100x100	100x100	
1800		150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75	
		175X50	175X50	175X50	175X50	175X50	175X50	N.A.	N.A.	
2100		175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75	
		200X50	200X50	200X50	200X50	200X50	200X50	N.A.	N.A.	
2400		225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75	
		250X50	250X50	250X50	250X50	250X50	250X50	N.A.	N.A.	
5100		900	75X75	75X75	75X75	75X75	75X75	75X75	100X75	100X75
			100X50	100X50	100X50	100X50	100X50	100X50	100x100	100x100
	1200	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75	
		125X50	125X50	125X50	125X50	125X50	125X50	N.A.	100x100	
	1500	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75	
		175X50	150X50	175X50	150X50	175X50	150X50	N.A.	N.A.	
	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75	
		200X50	175X50	200X50	175X50	200X50	175X50	N.A.	N.A.	
	2100	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75	
		250X50	225X50	250X50	225X50	250X50	225X50	N.A.	N.A.	
	2400	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75	
		275X50	275X50	275X50	275X50	275X75	275X75	N.A.	N.A.	
	6600	900	100X75	100X75	100X75	100X75	100X75	100X75	125X75	100X75
			100X50	100X50	100X50	100X50	100X50	100X50	100x100	100x100
1200		125X75	125X75	125X75	125X75	125X75	125X75	150X75	125X75	
		150X50	150X50	150X50	150X50	150X50	150X50	N.A.	N.A.	
1500		150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75	
		175X50	175X50	175X50	175X50	175X50	175X50	N.A.	N.A.	
1800		175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75	
		200X50	200X50	200X50	200X50	200X50	200X50	N.A.	N.A.	
2100		225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75	
		250X50	250X50	250X50	250X50	250X50	250X50	N.A.	N.A.	
2400		250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75	
		275X50	275X50	275X50	275X50	275X50	275X50	N.A.	N.A.	
8600		900	125X75	125X75	125X75	125X75	125X75	125X75	150X75	125X75
			125X50	125X50	125X50	125X50	125X50	125X50	N.A.	N.A.
	1200	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75	
		150X50	150X50	150X50	150X50	150X50	150X50	N.A.	N.A.	
	1500	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75	
		200X50	200X50	200X50	200X50	200X50	200X50	N.A.	N.A.	
	1800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75	
		250X50	225X50	250X50	225X50	250X50	225X50	N.A.	N.A.	
	2100	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75	
		275X50	250X50	275X50	250X50	275X50	250X50	N.A.	N.A.	
	2400	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75	
		300X50	300X50	300X50	300X50	300X50	300X50	N.A.	N.A.	

Notes to DPR 56 to DPR 59: See page 98.

WIDTH of OPENING in mm	W33N-W41N NOT APPLICABLE	W41C NOT APPLICABLE	W50C		W60C	
			F14	F17	F14	F17
900			75X38	75X38	75X38	75X38
			100X38	100X38	100X38	100X38
1200			75X38	75X38	75X38	75X38
			100X38	100X38	100X38	100X38
1500			75X38	75X38	75X38	75X38
			100X38	100X38	100X38	100X38
1800			75X50	75X38	2/75X38	2/75X38
			100X38	100X38	100X38	100X38
2100			2/75X38	2/75X38	3/75X38	2/75X50
			100X38	100X38	100X50	100X38
2400			3/75X38	2/75X50	4/75X50	3/75X50
			100X38	100X38	2/100X38	2/100X38
2700			3/75X50	3/75X50	N.A.	N.A.
			2/100X38	2/100X38	2/100X50	2/100X50
3000			4/75X50	4/75X50	N.A.	N.A.
			2/100X50	2/100X50	3/100X50	3/100X38
3300			N.A.	N.A.	N.A.	N.A.
			3/100X50	3/100X38	4/100X50	4/100X50
3600			N.A.	N.A.	N.A.	N.A.
			4/100X50	3/100X50	N.A.	N.A.

Notes to DPR 60:

1. The sizes given in the table apply to trimmers below openings in external walls supporting roof dead loads and to trimmers above and below openings in external walls not supporting roof dead loads.
2. Where multiple members are used they shall be nailed together at no more than 900 mm centres.

**VERANDAH PLATES
SHEET ROOF**

**DPR
61**

SPAN TYPE	VERANDAH PLATE SPAN in mm	1 RAFTER SPAN + EAVES in mm	W33N-W41N		W41C		W50C		W60C	
			F14	F17	F14	F17	F14	F17	F14	F17
SINGLE SPAN	2400	1000	125X50	125X50	125X50	125X50	125X50	125X50	125X50	125X50
		1500	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
		2000	150X50	150X50	150X50	150X50	150X50	150X50	175X50	150X50
	2700	1000	150X50	125X50	150X50	125X50	150X50	125X50	150X50	125X50
		1500	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
		2000	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
	3000	1000	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
		1500	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
		2000	200X50	200X50	200X50	200X50	200X50	200X50	200X50	200X50
	3300	1000	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
		1500	200X50	200X50	200X50	200X50	200X50	200X50	200X50	200X50
		2000	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
	3600	1000	200X50	200X50	200X50	200X50	200X50	200X50	200X50	200X50
		1500	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
		2000	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
CONTINUOUS SPAN	2400	1000	100X50	100X50	100X50	100X50	100X50	100X50	125X50	125X50
		1500	100X50	100X50	100X50	100X50	125X50	125X50	150X50	150X50
		2000	125X50	125X50	125X50	125X50	150X50	125X50	175X50	150X50
	2700	1000	100X50	100X50	100X50	100X50	125X50	100X50	150X50	125X50
		1500	125X50	125X50	125X50	125X50	150X50	125X50	150X50	150X50
		2000	125X50	125X50	125X50	125X50	150X50	150X50	175X50	175X50
	3000	1000	125X50	125X50	125X50	125X50	125X50	125X50	150X50	150X50
		1500	150X50	125X50	150X50	125X50	150X50	150X50	175X50	175X50
		2000	150X50	150X50	150X50	150X50	175X50	150X50	200X50	200X50
	3300	1000	150X50	125X50	150X50	125X50	150X50	125X50	175X50	175X50
		1500	150X50	150X50	150X50	150X50	175X50	150X50	200X50	200X50
		2000	175X50	175X50	175X50	175X50	200X50	175X50	200X75	175X75
	3600	1000	150X50	150X50	150X50	150X50	150X50	150X50	200X50	200X50
		1500	175X50	175X50	175X50	175X50	175X50	175X50	200X75	200X75
		2000	200X50	175X50	200X50	175X50	200X50	175X50	225X75	200X75

Note to DPR 61 and DPR 62:

- Where roof area supported by the verandah plate is larger than that covered by the table, the verandah plate size shall be determined from the appropriate lintel table.

SPAN TYPE	VERANDAH PLATE SPAN in mm	1 RAFTER SPAN + EAVES in mm	W33N-W41N		W41C		W50C		W60C	
			F14	F17	F14	F17	F14	F17	F14	F17
SINGLE SPAN	2400	1000	175X50	150X50	175X50	150X50	175X50	150X50	125X50	125X50
		1500	175X50	175X50	175X50	175X50	175X50	175X50	150X50	150X50
		2000	200X50	200X50	200X50	200X50	200X50	200X50	150X50	150X50
	2700	1000	175X50	175X50	175X50	175X50	175X50	175X50	150X50	125X50
		1500	200X50	200X50	200X50	200X50	200X50	200X50	150X50	150X50
		2000	200X75	175X75	200X75	175X75	200X75	175X75	175X50	175X50
	3000	1000	200X50	200X50	200X50	200X50	200X50	200X50	150X50	150X50
		1500	200X75	200X75	200X75	200X75	200X75	200X75	175X50	175X50
		2000	225X75	200X75	225X75	200X75	225X75	200X75	200X50	200X50
	3300	1000	200X75	200X75	200X75	200X75	200X75	200X75	175X50	175X50
		1500	225X75	225X75	225X75	225X75	225X75	225X75	200X50	200X50
		2000	250X75	250X75	250X75	250X75	250X75	250X75	200X75	175X75
	3600	1000	225X75	225X75	225X75	225X75	225X75	225X75	200X50	200X50
		1500	250X75	250X75	250X75	250X75	250X75	250X75	200X75	200X75
		2000	275X75	275X75	275X75	275X75	275X75	275X75	225X75	200X75
CONTINUOUS SPAN	2400	1000	125X50	125X50	125X50	125X50	125X50	125X50	125X50	125X50
		1500	150X50	125X50	150X50	125X50	150X50	125X50	150X50	150X50
		2000	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
	2700	1000	150X50	125X50	150X50	125X50	150X50	125X50	150X50	125X50
		1500	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
		2000	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
	3000	1000	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
		1500	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
		2000	200X50	175X50	200X50	175X50	200X50	175X50	200X50	200X50
	3300	1000	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
		1500	200X50	200X50	200X50	200X50	200X50	200X50	200X50	200X50
		2000	200X75	200X50	200X75	200X50	200X75	200X50	200X75	175X75
	3600	1000	200X50	200X50	200X50	200X50	200X50	200X50	200X50	200X50
		1500	200X75	175X75	200X75	175X75	200X75	175X75	200X75	200X75
		2000	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75

See note at DPR 61.

