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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.*

SPACING in mm	SPAN in mm	SPAN TYPE	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE	
			F14	F17	F14	F17	F14	F17		
450	1800	SINGLE	75X50	75X50	75X50	75X50	75X50	75X50		
		CONTINUOUS	75X38	75X38	75X38	75X38	75X38	75X38		
	2400	SINGLE	100X38	100X38	100X38	100X38	100X38	100X38		
		CONTINUOUS	100X38	100X38	100X38	100X38	100X38	100X38		
	3000	SINGLE	125X38	125X38	125X38	125X38	125X38	125X38		
		CONTINUOUS	100X50	100X50	100X50	100X50	100X50	100X50		
	3600	SINGLE	125X50	125X50	125X50	125X50	125X50	125X50		
		CONTINUOUS	125X38	125X38	125X38	125X38	125X38	125X38		
	4200	SINGLE	150X38	150X38	150X38	150X38	150X38	150X38		
		CONTINUOUS	125X50	125X50	125X50	125X50	125X50	125X50		
	600	1800	SINGLE	100X38	75X50	100X38	75X50	100X38	75X50	
			CONTINUOUS	75X50	75X38	75X50	75X38	75X50	75X38	
2400		SINGLE	100X50	100X38	100X50	100X38	100X50	100X38		
		CONTINUOUS	100X38	100X38	100X38	100X38	100X38	100X38		
3000		SINGLE	125X38	125X38	125X38	125X38	125X38	125X38		
		CONTINUOUS	100X50	100X50	100X50	100X50	100X50	100X50		
3600		SINGLE	125X50	125X50	125X50	125X50	125X50	125X50		
		CONTINUOUS	125X38	125X38	125X38	125X38	125X38	125X38		
4200		SINGLE	150X38	150X38	150X38	150X38	150X38	150X38		
		CONTINUOUS	125X50	125X50	125X50	125X50	125X50	125X50		
900		1800	SINGLE	100X38	100X38	100X38	100X38	100X38	100X38	
			CONTINUOUS	75X50	75X50	75X50	75X50	75X50	75X50	
	2400	SINGLE	100X50	100X50	100X50	100X50	100X50	100X50		
		CONTINUOUS	100X38	100X38	100X38	100X38	100X38	100X38		
	3000	SINGLE	125X38	125X38	125X38	125X38	125X38	125X38		
		CONTINUOUS	100X50	100X50	100X50	100X50	100X50	100X50		
	3600	SINGLE	125X50	125X50	125X50	125X50	125X50	125X50		
		CONTINUOUS	125X38	125X38	125X38	125X38	125X38	125X38		
	4200	SINGLE	150X50	150X50	150X50	150X50	150X50	150X50		
		CONTINUOUS	125X50	125X50	125X50	125X50	125X50	125X50		
	1200	1800	SINGLE	100X38	100X38	100X38	100X38	100X38	100X38	
			CONTINUOUS	75X50	75X50	75X50	75X50	75X50	75X50	
2400		SINGLE	100X50	100X50	100X50	100X50	100X50	100X50		
		CONTINUOUS	100X38	100X38	100X38	100X38	100X38	100X38		
3000		SINGLE	125X38	125X38	125X38	125X38	125X38	125X38		
		CONTINUOUS	125X38	100X50	125X38	100X50	125X38	100X50		
3600		SINGLE	150X38	150X38	150X38	150X38	150X38	150X38		
		CONTINUOUS	125X50	125X38	125X50	125X38	125X50	125X38		
4200		SINGLE	175X38	175X38	175X38	175X38	175X38	175X38		
		CONTINUOUS	150X38	125X50	150X38	125X50	150X38	125X50		

Note to DPR 64:  
Roof loads shall not be strutted onto ceiling joists.

# HANGING BEAMS

<b>DPR</b> <b>65</b>
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HANGING BEAM SPAN in mm	CEILING JOIST SPAN in mm	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE
		F14	F17	F14	F17	F14	F17	
2400	2400	125X50	125X50	125X50	125X50	125X50	125X50	
	3000	150X38	125X50	150X38	125X50	150X38	125X50	
	3600	150X50	150X50	150X50	150X50	150X50	150X50	
	4200	175X38	150X50	175X38	150X50	175X38	150X50	
3000	2400	175X38	150X50	175X38	150X50	175X38	150X50	
	3000	175X50	175X38	175X50	175X38	175X50	175X38	
	3600	200X50	200X38	200X50	200X38	200X50	200X38	
	4200	200X50	200X50	200X50	200X50	200X50	200X50	
3600	2400	200X38	200X38	200X38	200X38	200X38	200X38	
	3000	200X50	200X50	200X50	200X50	200X50	200X50	
	3600	250X38	250X38	250X38	250X38	250X38	250X38	
	4200	250X50	250X38	250X50	250X38	250X50	250X38	
4200	2400	250X38	250X38	250X38	250X38	250X38	250X38	
	3000	250X50	250X38	250X50	250X38	250X50	250X38	
	3600	300X38	250X50	300X38	250X50	300X38	250X50	
	4200	300X38	300X38	300X38	300X38	300X38	300X38	

Notes to DPR 65:

1. Roof loads shall not be strutted onto hanging beams or ceiling joists.
2. Where ceiling joists spans are unequal, the span used in the table shall be the average of the two spans adjacent to the hanging beam.

ROOF TYPE	BEAM SPACING in mm	BEAM SPAN in mm	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE
			F14	F17	F14	F17	F14	F17	
SHEET	1200	3000	150X75	150X75	150X75	150X75	150X75	150X75	
		3600	175X75	175X75	175X75	175X75	175X75	175X75	
		4200	200X75	200X75	200X75	200X75	200X75	200X75	
		4800	250X75	225X75	250X75	225X75	250X75	225X75	
	1800	3000	150X75	150X75	150X75	150X75	150X75	150X75	
		3600	175X75	175X75	175X75	175X75	175X75	175X75	
		4200	225X75	225X75	225X75	225X75	225X75	225X75	
		4800	275X75	250X75	275X75	250X75	275X75	250X75	
	2400	3000	150X75	150X75	150X75	150X75	150X75	150X75	
		3600	175X75	175X75	175X75	175X75	175X75	175X75	
		4200	250X75	225X75	250X75	225X75	250X75	225X75	
		4800	275X75	275X75	275X75	275X75	275X75	275X75	
	3000	3000	175X75	150X75	175X75	150X75	175X75	150X75	
		3600	200X75	200X75	200X75	200X75	200X75	200X75	
		4200	250X75	250X75	250X75	250X75	250X75	250X75	
		4800	300X75	300X75	300X75	300X75	300X75	300X75	
	4200	3000	175X75	175X75	175X75	175X75	175X75	175X75	
		3600	200X75	200X75	200X75	200X75	200X75	200X75	
		4200	275X75	275X75	275X75	275X75	275X75	275X75	
		4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
TILE	1200	3000	175X75	175X75	175X75	175X75	175X75	175X75	
		3600	200X75	200X75	200X75	200X75	200X75	200X75	
		4200	250X75	250X75	250X75	250X75	250X75	250X75	
		4800	300X75	300X75	300X75	300X75	300X75	300X75	
	1800	3000	200X75	200X75	200X75	200X75	200X75	200X75	
		3600	250X75	225X75	250X75	225X75	250X75	225X75	
		4200	300X75	275X75	300X75	275X75	300X75	275X75	
		4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
	2400	3000	200X75	200X75	200X75	200X75	200X75	200X75	
		3600	275X75	250X75	275X75	250X75	275X75	250X75	
		4200	N.A.	300X75	N.A.	300X75	N.A.	300X75	
		4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
	3000	3000	225X75	225X75	225X75	225X75	225X75	225X75	
		3600	275X75	275X75	275X75	275X75	275X75	275X75	
		4200	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
		4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
	4200	3000	250X75	250X75	250X75	250X75	250X75	250X75	
		3600	300X75	300X75	300X75	300X75	300X75	300X75	
		4200	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
		4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	

Notes to DPR 66:

1. Sizes are based on support of roof loads only. For support of roof and ceiling loads refer DPR 67.
2. Beam spacing is the effective distance from the beam to the next line of support of the rafters, i.e. one half the sum of the rafter spans on either side of the underpurlin which is strutted onto the strutting beam.
3. All beams over 225 mm deep shall be restrained laterally at mid span.

**BEAMS SUPPORTING ROOF and CEILING LOADS  
COMBINED HANGING/STRUTTING BEAMS**

**DPR  
67**

ROOF TYPE	BEAM SPACING in mm	BEAM SPAN in mm	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE
			F14	F17	F14	F17	F14	F17	
SHEET	1200	3000	150X75	150X75	150X75	150X75	150X75	150X75	
		3600	175X75	175X75	175X75	175X75	175X75	175X75	
		4200	200X75	200X75	200X75	200X75	200X75	200X75	
		4800	250X75	225X75	250X75	225X75	250X75	225X75	
	1800	3000	175X75	150X75	175X75	150X75	175X75	150X75	
		3600	200X75	200X75	200X75	200X75	200X75	200X75	
		4200	225X75	225X75	225X75	225X75	225X75	225X75	
		4800	275X75	275X75	275X75	275X75	275X75	275X75	
	2400	3000	175X75	175X75	175X75	175X75	175X75	175X75	
		3600	225X75	200X75	225X75	200X75	225X75	200X75	
		4200	250X75	250X75	250X75	250X75	250X75	250X75	
		4800	300X75	300X75	300X75	300X75	300X75	300X75	
	3000	3000	200X75	175X75	200X75	175X75	200X75	175X75	
		3600	225X75	225X75	225X75	225X75	225X75	225X75	
		4200	275X75	275X75	275X75	275X75	275X75	275X75	
		4800	N.A.	300X75	N.A.	300X75	N.A.	300X75	
	4200	3000	225X75	200X75	225X75	200X75	225X75	200X75	
		3600	250X75	250X75	250X75	250X75	250X75	250X75	
		4200	300X75	300X75	300X75	300X75	300X75	300X75	
		4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
TILE	1200	3000	200X75	175X75	200X75	175X75	200X75	175X75	
		3600	225X75	225X75	225X75	225X75	225X75	225X75	
		4200	275X75	250X75	275X75	250X75	275X75	250X75	
		4800	N.A.	300X75	N.A.	300X75	N.A.	300X75	
	1800	3000	225X75	200X75	225X75	200X75	225X75	200X75	
		3600	250X75	250X75	250X75	250X75	250X75	250X75	
		4200	300X75	300X75	300X75	300X75	300X75	300X75	
		4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
	2400	3000	225X75	225X75	225X75	225X75	225X75	225X75	
		3600	275X75	275X75	275X75	275X75	275X75	275X75	
		4200	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
		4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
	3000	3000	250X75	250X75	250X75	250X75	250X75	250X75	
		3600	300X75	275X75	300X75	275X75	300X75	275X75	
		4200	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
		4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
	4200	3000	275X75	275X75	275X75	275X75	275X75	275X75	
		3600	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
		4200	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
		4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	

Notes to DPR 67:

1. Beam spacing is the effective distance from the beam to the next line of support of the rafters, i.e. one half the sum of the rafter spans on either side of the underpurlin which is strutted onto the strutting beam.
2. All beams over 225 mm deep shall be restrained laterally at mid span.

SPAN TYPE	ROOF SPAN in mm	SPAN of UNDERPURLIN in mm	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE
			F14	F17	F14	F17	F14	F17	
SINGLE SPAN	1800	1800	100X50	100X50	100X50	100X50	100X50	100X50	
		2400	100X75	100X75	100X75	100X75	100X75	100X75	
		3000	125X75	125X75	125X75	125X75	125X75	125X75	
		3600	150X75	150X75	150X75	150X75	150X75	150X75	
	2700	1800	100X50	100X50	100X50	100X50	100X50	100X50	
		2400	125X50	125X50	125X50	125X50	125X50	125X50	
		3000	150X75	150X75	150X75	150X75	150X75	150X75	
		3600	150X75	150X75	150X75	150X75	175X75	150X75	
	3600	1800	100X75	100X75	100X75	100X75	100X75	100X75	
		2400	125X75	125X75	125X75	125X75	125X75	125X75	
		3000	150X75	150X75	150X75	150X75	150X75	150X75	
		3600	175X75	175X75	175X75	175X75	175X75	175X75	
	4200	1800	100X75	100X75	100X75	100X75	100X75	100X75	
		2400	125X75	100X75	125X75	100X75	150X75	125X75	
		3000	150X75	150X75	150X75	150X75	175X75	150X75	
		3600	175X75	175X75	175X75	175X75	N.A.	175X75	
CONTINUOUS SPAN	1800	1800	100X50	100X50	100X50	100X50	100X50	100X50	
		2400	100X50	100X50	100X50	100X50	100X75	100X75	
		3000	100X75	100X75	100X75	100X75	125X75	125X75	
		3600	125X75	125X50	125X75	125X50	150X75	150X75	
	2700	1800	100X50	100X50	100X50	100X50	100X50	100X50	
		2400	100X50	100X50	100X75	100X50	125X50	125X50	
		3000	125X75	125X50	125X75	125X50	150X75	150X75	
		3600	150X75	150X75	150X75	150X75	175X75	150X75	
	3600	1800	100X50	100X50	100X50	100X50	100X75	100X75	
		2400	100X75	100X75	100X75	100X75	125X75	125X75	
		3000	125X75	125X75	125X75	125X75	150X75	150X75	
		3600	150X75	150X75	150X75	150X75	175X75	175X75	
	4200	1800	100X50	100X50	100X50	100X50	100X75	100X75	
		2400	100X75	100X75	125X75	100X75	150X75	125X75	
		3000	125X75	125X75	150X75	125X75	175X75	150X75	
		3600	150X75	150X75	175X75	150X75	N.A.	175X75	

Notes to DPR 68:

1. Maximum allowable cantilever is 25% of the actual span.
2. The table is based on a roof sheeting mass of 10 kg/m<sup>2</sup>.

**UNDERPURLINS  
TILE ROOF**

<b>DPR 69</b>
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SPAN TYPE	ROOF SPAN in mm	SPAN of UNDERPURLIN in mm	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE
			F14	F17	F14	F17	F14	F17	
SINGLE SPAN	1800	1200	100X50	100X50	100X50	100X50	100X50	100X50	
		1800	125X75	125X50	125X75	125X50	125X75	125X50	
		2400	150X75	150X75	150X75	150X75	150X75	150X75	
		2700	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
	2700	1200	100X50	100X50	100X50	100X50	100X50	100X50	
		1800	150X75	125X75	150X75	125X75	150X75	125X75	
		2400	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
		2700	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
	3600	1200	125X50	100X50	125X50	100X50	125X50	100X50	
		1800	150X75	150X75	150X75	150X75	150X75	150X75	
		2400	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
		2700	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
	4200	1200	100X75	100X75	100X75	100X75	100X75	100X75	
		1800	150X75	150X75	150X75	150X75	150X75	150X75	
		2400	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
		2700	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
CONTINUOUS SPAN	1800	1200	100X50	100X50	100X50	100X50	100X50	100X50	
		1800	100X50	100X50	100X50	100X50	100X50	100X50	
		2400	125X75	125X50	125X75	125X50	125X75	125X50	
		2700	150X75	125X75	150X75	125X75	150X75	125X75	
	2700	1200	100X50	100X50	100X50	100X50	100X50	100X50	
		1800	125X50	125X50	125X50	125X50	125X50	125X50	
		2400	150X75	150X75	150X75	150X75	150X75	150X75	
		2700	150X75	150X75	150X75	150X75	150X75	150X75	
	3600	1200	100X50	100X50	100X50	100X50	100X50	100X50	
		1800	125X50	125X50	125X50	125X50	125X50	125X50	
		2400	150X75	150X75	150X75	150X75	150X75	150X75	
		2700	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	
	4200	1200	100X50	100X50	100X50	100X50	100X50	100X50	
		1800	125X75	125X75	125X75	125X75	125X75	125X75	
		2400	150X75	150X75	150X75	150X75	150X75	150X75	
		2700	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	

Notes to DPR 69:

1. Maximum allowable cantilever is 25% of the actual span.
2. The table is based on a roof tile mass of 60 kg/m<sup>2</sup>.

**DPR  
70**

**RAFTERS @ 900mm CENTRES  
SHEET ROOF**

SPAN TYPE	SPAN in mm	SIZE & OVERHANG in mm	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE
			F14	F17	F14	F17	F14	F17	
SINGLE SPAN	1800	SIZE	75X50	75X38	75X50	75X38	75X50	75X38	
		OVERHANG	430	400	430	400	see notes	see notes	
	2100	SIZE	100X38	100X38	100X38	100X38	100X38	100X38	
		OVERHANG	470	520	470	520	see notes	see notes	
	2400	SIZE	100X38	100X38	100X38	100X38	100X38	100X38	
		OVERHANG	470	520	470	520	see notes	see notes	
	2700	SIZE	100X50	100X38	100X50	100X38	100X50	100X38	
		OVERHANG	550	520	550	520	see notes	see notes	
	3000	SIZE	125X38	100X50	125X38	100X50	125X38	100X50	
		OVERHANG	580	600	580	600	see notes	see notes	
	3300	SIZE	125X38	125X38	125X38	125X38	125X38	125X38	
		OVERHANG	580	630	580	630	see notes	see notes	
	3600	SIZE	125X50	125X38	125X50	125X38	125X50	125X38	
		OVERHANG	670	630	670	630	see notes	see notes	
	3900	SIZE	150X38	125X50	150X38	125X50	150X38	125X50	
		OVERHANG	670	730	670	730	see notes	see notes	
	4200	SIZE	150X38	150X38	150X38	150X38	150X50	150X38	
		OVERHANG	670	740	670	740	see notes	see notes	
4500	SIZE	175X50	150X50	175X50	150X50	175X50	150X50		
	OVERHANG	820	860	820	860	see notes	see notes		
CONTINUOUS SPAN	1800	SIZE	75X38	75X38	75X38	75X38	75X50	75X38	
		OVERHANG	370	400	370	400	see notes	see notes	
	2100	SIZE	75X38	75X38	75X38	75X38	100X38	100X38	
		OVERHANG	370	400	370	400	see notes	see notes	
	2400	SIZE	75X50	75X38	75X50	75X38	100X38	100X38	
		OVERHANG	430	400	430	400	see notes	see notes	
	2700	SIZE	100X38	75X50	100X38	75X50	100X50	100X38	
		OVERHANG	470	470	470	470	see notes	see notes	
	3000	SIZE	100X38	100X38	100X38	100X38	125X38	100X50	
		OVERHANG	470	520	470	520	see notes	see notes	
	3300	SIZE	100X38	100X38	100X38	100X38	125X38	125X38	
		OVERHANG	470	520	470	520	see notes	see notes	
	3600	SIZE	100X50	100X38	100X50	100X38	125X50	125X38	
		OVERHANG	550	520	550	520	see notes	see notes	
	3900	SIZE	125X38	100X50	125X38	100X50	150X38	125X50	
		OVERHANG	580	600	580	600	see notes	see notes	
	4200	SIZE	125X38	125X38	125X38	125X38	150X50	150X38	
		OVERHANG	580	630	580	630	see notes	see notes	
4500	SIZE	125X50	125X38	125X50	125X38	175X50	150X50		
	OVERHANG	670	630	670	630	see notes	see notes		

**DPR  
70A**

**RAFTERS @ 600mm CENTRES  
SHEET ROOF**

SPAN TYPE	SPAN in mm	SIZE in mm	for OVERHANG see notes	
			W50C	
			F14	F17
SINGLE and CONTINUOUS SPAN	1800	SIZE	75X38	75X38
	2100	SIZE	75X50	75X50
	2400	SIZE	100X38	100X38
	2700	SIZE	100X38	100X38
	3000	SIZE	100X50	100X50
	3300	SIZE	125X38	100X50
	3600	SIZE	125X38	125X38
	3900	SIZE	125X50	125X38
	4500	SIZE	150X38	150X38

See notes at DPR 71

**RAFTERS @ 1200mm CENTRES  
SHEET ROOF**

**DPR  
71**

SPAN TYPE	SPAN in mm	SIZE & OVERHANG in mm	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE
			F14	F17	F14	F17	F14	F17	
SINGLE SPAN	1800	SIZE	75X50	75X50	75X50	75X50	100X38	75X50	
		OVERHANG	360	390	360	390	see notes	see notes	
	2100	SIZE	100X38	100X38	100X38	100X38	100X38	100X38	
		OVERHANG	400	440	400	440	see notes	see notes	
	2400	SIZE	100X38	100X38	100X38	100X38	100X50	100X38	
		OVERHANG	400	440	400	440	see notes	see notes	
	2700	SIZE	100X50	100X50	100X50	100X50	125X38	100X50	
		OVERHANG	460	500	460	500	see notes	see notes	
	3000	SIZE	125X38	125X38	125X38	125X38	125X50	125X38	
		OVERHANG	480	530	480	530	see notes	see notes	
	3300	SIZE	125X38	125X38	125X38	125X38	125X50	125X50	
		OVERHANG	480	530	480	530	see notes	see notes	
	3600	SIZE	150X38	125X50	150X38	125X50	150X50	125X50	
		OVERHANG	560	610	560	610	see notes	see notes	
	3900	SIZE	150X38	150X38	150X38	150X38	150X50	150X50	
		OVERHANG	560	620	560	620	see notes	see notes	
	4200	SIZE	150X50	150X50	150X50	150X50	175X50	150X50	
		OVERHANG	650	720	650	720	see notes	see notes	
4500	SIZE	175X50	175X50	175X50	175X50	175X50	175X50		
	OVERHANG	750	820	750	820	see notes	see notes		
CONTINUOUS SPAN	1800	SIZE	75X38	75X38	75X38	75X38	100X38	75X50	
		OVERHANG	310	340	310	340	see notes	see notes	
	2100	SIZE	75X38	75X38	75X38	75X38	100X38	100X38	
		OVERHANG	310	340	310	340	see notes	see notes	
	2400	SIZE	75X50	75X50	75X50	75X50	100X50	100X38	
		OVERHANG	360	390	360	390	see notes	see notes	
	2700	SIZE	100X38	100X38	100X38	100X38	125X38	100X50	
		OVERHANG	400	440	400	440	see notes	see notes	
	3000	SIZE	100X38	100X38	100X50	100X38	125X50	125X38	
		OVERHANG	400	440	400	440	see notes	see notes	
	3300	SIZE	100X50	100X38	100X50	100X50	125X50	125X50	
		OVERHANG	460	440	460	440	see notes	see notes	
	3600	SIZE	100X50	100X50	125X38	125X38	150X50	125X50	
		OVERHANG	460	500	460	500	see notes	see notes	
	3900	SIZE	125X38	125X38	125X50	125X38	150X50	150X50	
		OVERHANG	480	530	480	530	see notes	see notes	
	4200	SIZE	125X50	125X38	125X50	150X38	175X50	150X50	
		OVERHANG	560	530	560	530	see notes	see notes	
4500	SIZE	150X38	125X50	150X38	150X38	175X50	175X50		
	OVERHANG	560	610	560	610	see notes	see notes		

Notes to DPR 70 to DPR 73:

General:

- The tables are based on support of roof loads only – no ceiling loads.
- The tables are based on roof sheeting mass of 10 kg/m<sup>2</sup>, or on a roof tile mass of 60 kg/m<sup>2</sup>.

W33N-W41N:

- Overhang limits do not apply where rafter ends are tied back to the wall frame.
- The allowable overhang is based on a maximum depth of the birdsmouth of D/3.

W41C:

- Overhang limits in the tables apply:
  - where the birdsmouth does not exceed D/4,
  - where the birdsmouth exceeds D/4, but does not exceed D/3 and the rafter is tied back to the wall frame.

W50C:

- The rafter overhangs shall be in accordance with one of the following:
  - no birdsmouth: the maximum rafter overhang permitted is the lesser of 33% of the span or 900 mm.
  - birds mouth D/4: the maximum rafter overhang shall not exceed 25% of the rafter span or 900, whichever is the lesser.
  - birds mouth D/3: to 900 mm maximum provided the rafter is tied back to the wall frame.
  - birds mouth D/3: the maximum rafter overhang shall not exceed 33% of the allowable span of a rafter equivalent to 2/3 depth of the rafter or 900 mm, whichever is the lesser.

SPAN TYPE	SPAN in mm	SIZE & OVERHANG in mm	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE
			F14	F17	F14	F17	F14	F17	
SINGLE SPAN	1800	SIZE	100X38	100X38	100X38	100X38	100X38	100X38	
		OVERHANG	770	850	770	850	see notes	see notes	
	2100	SIZE	100X50	100X50	100X50	100X50	100X50	100X50	
		OVERHANG	900	990	900	990	see notes	see notes	
	2400	SIZE	125X38	125X38	125X38	125X38	125X38	125X38	
		OVERHANG	950	1040	950	1040	see notes	see notes	
	2700	SIZE	150X38	125X50	150X38	125X50	150X38	125X50	
		OVERHANG	1120	1200	1120	1200	see notes	see notes	
	3000	SIZE	150X50	150X38	150X50	150X38	150X50	150X38	
		OVERHANG	1200	1200	1200	1200	see notes	see notes	
	3300	SIZE	175X50	150X50	175X50	150X50	175X50	150X50	
		OVERHANG	1200	1200	1200	1200	see notes	see notes	
	3600	SIZE	175X50	175X50	175X50	175X50	175X50	175X50	
		OVERHANG	1200	1200	1200	1200	see notes	see notes	
	3900	SIZE	200X50	200X50	200X50	200X50	200X50	200X50	
		OVERHANG	1200	1200	1200	1200	see notes	see notes	
	4200	SIZE	200X50	200X50	200X50	200X50	200X50	200X50	
		OVERHANG	1200	1200	1200	1200	see notes	see notes	
4500	SIZE	225X50	225X50	225X50	225X50	225X50	225X50		
	OVERHANG	1200	1200	1200	1200	see notes	see notes		
CONTINUOUS SPAN	1800	SIZE	75X38	75X38	75X38	75X38	75X38	75X38	
		OVERHANG	600	660	600	660	see notes	see notes	
	2100	SIZE	100X38	100X38	100X38	100X38	100X38	100X38	
		OVERHANG	770	850	770	850	see notes	see notes	
	2400	SIZE	100X38	100X38	100X38	100X38	100X38	100X38	
		OVERHANG	770	850	770	850	see notes	see notes	
	2700	SIZE	125X38	100X50	125X38	100X50	125X38	100X50	
		OVERHANG	950	990	950	990	see notes	see notes	
	3000	SIZE	125X38	125X38	125X38	125X38	125X38	125X38	
		OVERHANG	950	1040	950	1040	see notes	see notes	
	3300	SIZE	125X50	125X50	125X50	125X50	125X50	125X50	
		OVERHANG	1110	1200	1110	1200	see notes	see notes	
	3600	SIZE	150X38	150X38	150X38	150X38	150X38	150X38	
		OVERHANG	1120	1200	1120	1200	see notes	see notes	
	3900	SIZE	150X50	150X50	150X50	150X50	150X50	150X50	
		OVERHANG	1200	1200	1200	1200	see notes	see notes	
	4200	SIZE	175X50	175X50	175X50	175X50	175X50	175X50	
		OVERHANG	1200	1200	1200	1200	see notes	see notes	
4500	SIZE	175X50	175X50	175X50	175X50	175X50	175X50		
	OVERHANG	1200	1200	1200	1200	see notes	see notes		

See notes at DPR 71.

**RAFTERS @ 900mm CENTRES  
TILE ROOF**

<b>DPR 73</b>
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SPAN TYPE	SPAN in mm	SIZE & OVERHANG in mm	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE
			F14	F17	F14	F17	F14	F17	
SINGLE SPAN	1800	SIZE	100X50	100X38	100X50	100X38	100X50	100X38	
		OVERHANG	710	670	710	670	see notes	see notes	
	2100	SIZE	125X38	125X38	125X38	125X38	125X38	125X38	
		OVERHANG	740	810	740	810	see notes	see notes	
	2400	SIZE	150X38	125X50	150X38	125X50	150X38	125X50	
		OVERHANG	870	950	870	950	see notes	see notes	
	2700	SIZE	150X50	150X38	150X50	150X38	150X50	150X38	
		OVERHANG	1010	950	1010	950	see notes	see notes	
	3000	SIZE	175X50	175X50	175X50	175X50	175X50	175X50	
		OVERHANG	1170	1280	1170	1280	see notes	see notes	
	3300	SIZE	200X50	175X50	200X50	175X50	200X50	175X50	
		OVERHANG	1200	1200	1200	1200	see notes	see notes	
	3600	SIZE	200X50	200X50	200X50	200X50	200X50	200X50	
		OVERHANG	1200	1200	1200	1200	see notes	see notes	
	3900	SIZE	225X50	200X50	225X50	200X50	225X50	200X50	
		OVERHANG	1200	1200	1200	1200	see notes	see notes	
	4200	SIZE	250X50	225X50	250X50	225X50	250X50	225X50	
		OVERHANG	1200	1200	1200	1200	see notes	see notes	
4500	SIZE	250X50	250X50	250X50	250X50	250X50	250X50		
	OVERHANG	1200	1200	1200	1200	see notes	see notes		
CONTINUOUS SPAN	1800	SIZE	100X38	75X50	100X38	75X50	100X38	75X50	
		OVERHANG	610	600	610	600	see notes	see notes	
	2100	SIZE	100X38	100X38	100X38	100X38	100X38	100X38	
		OVERHANG	610	670	610	670	see notes	see notes	
	2400	SIZE	125X38	100X50	125X38	100X50	125X38	100X50	
		OVERHANG	740	770	740	770	see notes	see notes	
	2700	SIZE	125X38	125X38	125X38	125X38	125X38	125X38	
		OVERHANG	740	810	740	810	see notes	see notes	
	3000	SIZE	150X38	125X50	150X38	125X50	150X38	125X50	
		OVERHANG	870	950	870	950	see notes	see notes	
	3300	SIZE	150X50	150X38	150X50	150X38	150X50	150X38	
		OVERHANG	1100	950	1100	950	see notes	see notes	
	3600	SIZE	175X50	150X50	175X50	150X50	175X50	150X50	
		OVERHANG	1080	1110	1080	1110	see notes	see notes	
	3900	SIZE	175X50	175X50	175X50	175X50	175X50	175X50	
		OVERHANG	1200	1200	1200	1200	see notes	see notes	
	4200	SIZE	200X50	175X50	200X50	175X50	200X50	175X50	
		OVERHANG	1200	1200	1200	1200	see notes	see notes	
4500	SIZE	200X50	200X50	200X50	200X50	200X50	200X50		
	OVERHANG	1200	1200	1200	1200	see notes	see notes		

See notes at DPR 71.

**RAFTERS - CEILING IN LINE WITH RAFTERS  
SHEET ROOF - RAFTERS @ 900mm CENTRES**

SPAN TYPE	SPAN in mm	SIZE & OVERHANG in mm	W33N-W41N		W41C		W50C		W60C	
			F14	F17	F14	F17	F14	F17	F14	F17
SINGLE SPAN	2400	SIZE	125X38	125X38	125X38	125X38	125X38	125X38	125X38	125X38
		OVERHANG	660	720	660	720	see notes	see notes	see notes	see notes
	2700	SIZE	150X38	125X50	150X38	125X50	150X38	125X50	150X38	125X50
		OVERHANG	770	840	770	840	see notes	see notes	see notes	see notes
	3000	SIZE	150X50	150X38	150X50	150X38	150X50	150X38	150X50	150X38
		OVERHANG	900	850	900	850	see notes	see notes	see notes	see notes
	3300	SIZE	175X50	150X50	175X50	150X50	175X50	150X50	175X50	150X50
		OVERHANG	1130	990	1130	990	see notes	see notes	see notes	see notes
	3600	SIZE	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
		OVERHANG	1130	1180	1130	1180	see notes	see notes	see notes	see notes
	3900	SIZE	200X50	200X50	200X50	200X50	200X50	200X50	200X50	200X50
		OVERHANG	1170	1200	1170	1200	see notes	see notes	see notes	see notes
	4200	SIZE	200X50	200X50	200X50	200X50	200X50	200X50	200X50	200X50
		OVERHANG	1170	1280	1170	1280	see notes	see notes	see notes	see notes
	4500	SIZE	225X50	225X50	225X50	225X50	225X50	225X50	225X50	225X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	4800	SIZE	250X50	225X50	250X50	225X50	250X50	225X50	250X50	225X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	5100	SIZE	250X50	250X50	250X50	250X50	250X50	250X50	250X50	250X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
5400	SIZE	275X50	250X50	275X50	250X50	275X50	250X50	275X50	250X50	
	OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes	
5700	SIZE	275X50	275X50	275X50	275X50	275X50	275X50	275X50	275X50	
	OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes	
6000	SIZE	300X50	275X50	300X50	275X50	300X50	275X50	300X50	275X50	
	OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes	
CONTINUOUS SPAN	2400	SIZE	100X38	100X38	100X38	100X38	100X38	100X38	100X50	100X38
		OVERHANG	540	600	540	600	see notes	see notes	see notes	see notes
	2700	SIZE	125X38	100X50	125X38	100X50	125X38	100X50	125X38	100X50
		OVERHANG	660	690	660	690	see notes	see notes	see notes	see notes
	3000	SIZE	125X38	125X38	125X38	125X38	125X38	125X38	125X50	125X38
		OVERHANG	660	720	660	720	see notes	see notes	see notes	see notes
	3300	SIZE	125X50	125X50	125X50	125X50	125X50	125X50	150X38	125X50
		OVERHANG	770	840	770	840	see notes	see notes	see notes	see notes
	3600	SIZE	150X38	150X38	150X38	150X38	150X38	150X38	150X50	150X38
		OVERHANG	770	850	770	850	see notes	see notes	see notes	see notes
	3900	SIZE	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
		OVERHANG	900	990	900	990	see notes	see notes	see notes	see notes
	4200	SIZE	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
		OVERHANG	1040	1140	1040	1140	see notes	see notes	see notes	see notes
	4500	SIZE	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
		OVERHANG	1040	1140	1040	1140	see notes	see notes	see notes	see notes
	4800	SIZE	200X50	200X50	200X50	200X50	200X50	200X50	200X50	200X50
		OVERHANG	1170	1200	1170	1200	see notes	see notes	see notes	see notes

**RAFTERS - CEILING IN LINE WITH RAFTERS  
SHEET ROOF - RAFTERS @ 600mm CENTRES**

SPAN TYPE	SPAN in mm	SIZE in mm	W60C		SPAN TYPE	SPAN in mm	SIZE in mm	W60C	
			F14	F17				F14	F17
SINGLE SPAN	2400	SIZE	100X50	100X50	CONTINUOUS SPAN	2400	SIZE	100X38	100X38
	2700	SIZE	125X38	125X38		2700	SIZE	100X38	100X38
	3000	SIZE	125X50	125X50		3000	SIZE	125X38	100X50
	3300	SIZE	150X38	150X38		3300	SIZE	125X38	125X38
	3600	SIZE	175X50	150X50		3600	SIZE	125X50	125X50
	3900	SIZE	175X50	175X50		3900	SIZE	150X38	150X38
	4200	SIZE	200X50	175X50		4200	SIZE	150X50	150X38
	4500	SIZE	200X50	200X50		4500	SIZE	175X50	150X50
4800	SIZE	225X50	200X50	4800	SIZE	175X50	175X50		

See notes at DPR 75 and DPR 76.

**RAFTERS - CEILING IN LINE WITH RAFTERS  
SHEET ROOF - RAFTERS @ 1200mm CENTRES**

**DPR  
75**

SPAN TYPE	SPAN in mm	SIZE & OVERHANG in mm	W33N-W41N		W41C		W50C		W60C NOT APPLICABLE
			F14	F17	F14	F17	F14	F17	
SINGLE SPAN	2400	SIZE	125X50	125X50	125X50	125X50	125X50	125X50	
		OVERHANG	640	700	640	700	see notes	see notes	
	2700	SIZE	150X38	150X38	150X38	150X38	150X38	150X38	
		OVERHANG	640	710	640	710	see notes	see notes	
	3000	SIZE	175X50	150X50	175X50	150X50	175X50	150X50	
		OVERHANG	850	820	850	820	see notes	see notes	
	3300	SIZE	175X50	175X50	175X50	175X50	175X50	175X50	
		OVERHANG	850	940	850	940	see notes	see notes	
	3600	SIZE	200X50	200X50	200X50	200X50	200X50	200X50	
		OVERHANG	890	1060	890	1060	see notes	see notes	
	3900	SIZE	225X50	200X50	225X50	200X50	225X50	200X50	
		OVERHANG	990	1060	990	1060	see notes	see notes	
	4200	SIZE	225X50	225X50	225X50	225X50	225X50	225X50	
		OVERHANG	990	1180	990	1180	see notes	see notes	
	4500	SIZE	250X50	225X50	250X50	225X50	250X50	225X50	
		OVERHANG	1090	1180	1090	1180	see notes	see notes	
	4800	SIZE	275X50	250X50	275X50	250X50	275X50	250X50	
		OVERHANG	1190	1200	1190	1200	see notes	see notes	
	5100	SIZE	275X50	275X50	275X50	275X50	275X50	275X50	
		OVERHANG	1200	1200	1200	1200	see notes	see notes	
5400	SIZE	300X50	275X50	300X50	275X50	300X50	275X50		
	OVERHANG	1200	1200	1200	1200	see notes	see notes		
5700	SIZE	300X50	300X50	300X50	300X50	300X50	300X50		
	OVERHANG	1200	1200	1200	1200	see notes	see notes		
6000	SIZE	300X75	300X50	300X75	300X50	300X75	300X50		
	OVERHANG	1200	1200	1200	1200	see notes	see notes		
CONTINUOUS SPAN	2400	SIZE	100X50	100X50	100X50	100X50	100X50	100X50	
		OVERHANG	520	580	520	580	see notes	see notes	
	2700	SIZE	125X38	125X38	125X38	125X38	125X38	125X38	
		OVERHANG	550	600	550	600	see notes	see notes	
	3000	SIZE	125X50	125X50	125X50	125X50	125X50	125X50	
		OVERHANG	640	700	640	700	see notes	see notes	
	3300	SIZE	150X38	150X38	150X38	150X38	150X38	150X38	
		OVERHANG	640	710	640	710	see notes	see notes	
	3600	SIZE	150X50	150X50	150X50	150X50	150X50	150X50	
		OVERHANG	750	820	750	820	see notes	see notes	
	3900	SIZE	175X50	175X50	175X50	175X50	175X50	175X50	
		OVERHANG	860	940	860	940	see notes	see notes	
	4200	SIZE	200X50	175X50	200X50	175X50	200X50	175X50	
		OVERHANG	970	940	970	940	see notes	see notes	
	4500	SIZE	200X50	200X50	200X50	200X50	200X50	200X50	
		OVERHANG	970	1060	970	1060	see notes	see notes	
	4800	SIZE	225X50	200X50	225X50	200X50	225X50	200X50	
		OVERHANG	1080	1060	1080	1060	see notes	see notes	

Notes to DPR 74 to DPR 77:

General:

The tables are based on support of roof and ceiling loads, roof mass for sheet roofs: 40 kg/m<sup>2</sup>, roof mass for tile roofs: 90 kg/m<sup>2</sup>.

W33N-W41N:

- Overhang limits do not apply where rafter ends are tied back to the wall frame.
- The allowable overhang is based on a maximum depth of the birdsmouth of D/3.

W41C:

- Overhang limits in the tables apply:
  - where the birdsmouth does not exceed D/4,
  - where the birdsmouth exceeds D/4, but does not exceed D/3 and the rafter is tied back to the wall frame.

See also notes at DPR 76.

SPAN TYPE	SPAN in mm	SIZE & OVERHANG in mm	W33N-W41N		W41C		W50C		W60C	
			F14	F17	F14	F17	F14	F17	F14	F17
SINGLE SPAN	2400	SIZE	150X38	125X50	150X38	125X50	150X38	125X50	150X38	125X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	2700	SIZE	150X50	150X38	150X50	150X38	150X50	150X38	150X50	150X38
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	3000	SIZE	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	3300	SIZE	200X50	175X50	200X50	175X50	200X50	175X50	200X50	175X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	3600	SIZE	200X50	200X50	200X50	200X50	200X50	200X50	200X50	200X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	3900	SIZE	225X50	200X50	225X50	200X50	225X50	200X50	225X50	200X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	4200	SIZE	225X50	225X50	225X50	225X50	225X50	225X50	225X50	225X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	4500	SIZE	250X50	250X50	250X50	250X50	250X50	250X50	250X50	250X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	4800	SIZE	275X50	250X50	275X50	250X50	275X50	250X50	275X50	250X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	5100	SIZE	275X50	275X50	275X50	275X50	275X50	275X50	275X50	275X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
5400	SIZE	300X50	300X50	300X50	300X50	300X50	300X50	300X50	300X50	
	OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes	
5700	SIZE	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75	
	OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes	
6000	SIZE	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75	
	OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes	
CONTINUOUS SPAN	2400	SIZE	125X38	100X50	125X38	100X50	125X38	100X50	125X38	100X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	2700	SIZE	125X38	125X38	125X38	125X38	125X38	125X38	125X38	125X38
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	3000	SIZE	150X38	125X50	150X38	125X50	150X38	125X50	150X38	125X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	3300	SIZE	150X50	150X38	150X50	150X38	150X50	150X38	150X50	150X38
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	3600	SIZE	175X50	150X50	175X50	150X50	175X50	150X50	175X50	150X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	3900	SIZE	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	4200	SIZE	200X50	175X50	200X50	175X50	200X50	175X50	200X50	175X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	4500	SIZE	200X50	200X50	200X50	200X50	200X50	200X50	200X50	200X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	4800	SIZE	225X50	200X50	225X50	200X50	225X50	200X50	225X50	200X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes

Notes to DPR 74 to DPR 77:

See also notes at DPR 75.

W50C and W60C:

1. The rafter overhangs shall be in accordance with one of the following:
  - a) no birdsmouth: the maximum rafter overhang permitted is the lesser of 33% of the span or 900 mm.
  - b) birdsmouth D/4: the maximum rafter overhang shall not exceed 25% of the rafter span or 900, whichever is the lesser.
  - c) birdsmouth D/3: to 900 mm maximum provided the rafter is tied back to the wall frame.
  - d) birdsmouth D/3: the maximum rafter overhang shall not exceed 33% of the allowable span of a rafter equivalent to 2/3 depth of the rafter or 900 mm, whichever is the lesser.

**RAFTERS - CEILING IN LINE WITH RAFTERS  
TILE ROOF - RAFTERS @ 900mm CENTRES**

SPAN TYPE	SPAN in mm	SIZE & OVERHANG in mm	W33N-W41N		W41C		W50C		W60C	
			F14	F17	F14	F17	F14	F17	F14	F17
SINGLE SPAN	2400	SIZE	150X50	150X38	150X50	150X38	150X50	150X38	150X50	150X38
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	2700	SIZE	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	3000	SIZE	200X50	175X50	200X50	175X50	200X50	175X50	200X50	175X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	3300	SIZE	200X50	200X50	200X50	200X50	200X50	200X50	200X50	200X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	3600	SIZE	225X50	225X50	225X50	225X50	225X50	225X50	225X50	225X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	3900	SIZE	250X50	250X50	250X50	250X50	250X50	250X50	250X50	250X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	4200	SIZE	275X50	250X50	275X50	250X50	275X50	250X50	275X50	250X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	4500	SIZE	275X50	275X50	275X50	275X50	275X50	275X50	275X50	275X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	4800	SIZE	300X50	300X50	300X50	300X50	300X50	300X50	300X50	300X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	5100	SIZE	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
5400	SIZE	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75	
	OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes	
5700	SIZE	325X75	325X75	325X75	325X75	325X75	325X75	325X75	325X75	
	OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes	
6000	SIZE	325X75	325X75	325X75	325X75	325X75	325X75	325X75	325X75	
	OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes	
CONTINUOUS SPAN	2400	SIZE	125X50	125X38	125X50	125X38	125X50	125X38	125X50	125X38
		OVERHANG	1110	1040	1110	1040	see notes	see notes	see notes	see notes
	2700	SIZE	150X38	125X50	150X38	125X50	150X38	125X50	150X38	125X50
		OVERHANG	1110	1200	1110	1200	see notes	see notes	see notes	see notes
	3000	SIZE	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	3300	SIZE	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	3600	SIZE	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	3900	SIZE	200X50	200X50	200X50	200X50	200X50	200X50	200X50	200X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	4200	SIZE	225X50	200X50	225X50	200X50	225X50	200X50	225X50	200X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	4500	SIZE	225X50	225X50	225X50	225X50	225X50	225X50	225X50	225X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes
	4800	SIZE	250X50	250X50	250X50	250X50	250X50	250X50	250X50	250X50
		OVERHANG	1200	1200	1200	1200	see notes	see notes	see notes	see notes

See notes at DPR 75 and DPR 76.

BEAM SPAN in mm	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
2400	2400	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3000	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	4200	175X75	175X75	175X75	175X75	175X75	175X75	200X75	175X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	200X75	175X75
2700	2400	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
	3000	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
	4200	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	4800	200X75	200X75	200X75	200X75	200X75	200X75	225X75	200X75
3000	2400	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3000	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	200X75	200X75	200X75	200X75	200X75	200X75	225X75	200X75
	4200	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	4800	225X75	225X75	225X75	225X75	225X75	225X75	250X75	225X75
3300	2400	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3000	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	3600	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	4200	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	4800	250X75	250X75	250X75	250X75	250X75	250X75	275X75	250X75
3600	2400	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	3000	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	3600	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	4200	250X75	250X75	250X75	250X75	250X75	250X75	275X75	250X75
	4800	275X75	250X75	275X75	250X75	275X75	250X75	300X75	275X75
3900	2400	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	3000	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	3600	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	4200	275X75	275X75	275X75	275X75	275X75	275X75	300X75	275X75
	4800	300X75	275X75	300X75	275X75	300X75	275X75	N.A.	275X75
4200	2400	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	3000	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	3600	275X75	275X75	275X75	275X75	275X75	275X75	300X75	275X75
	4200	300X75	275X75	300X75	275X75	300X75	275X75	N.A.	300X75
	4800	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
4500	2400	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	3000	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	3600	300X75	300X75	300X75	300X75	300X75	300X75	N.A.	300X75
	4200	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
4800	2400	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
	3000	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75
	3600	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	4200	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

No specific notes.

**ROOF BEAMS  
TILE ROOF**

BEAM SPAN in mm	ROOF SPAN in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
2400	2400	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3000	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	4200	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	4800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
2700	2400	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3000	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	3600	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	4200	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	4800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
3000	2400	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	3000	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	3600	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	4200	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
	4800	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75
3300	2400	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
	3000	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
	3600	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	4200	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
3600	2400	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	3000	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75
	3600	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	4200	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
3900	2400	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	3000	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	3600	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	4200	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
4200	2400	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	3000	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	3600	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	4200	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
4500	2400	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	3000	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	3600	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	4200	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
4800	2400	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	3000	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	3600	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	4200	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

No specific notes.

ROOF TYPE	RAFTER SPACING in mm	BATTEN SPACING in mm	W33N-W41N		W41C		W50C		W60C	
			F14	F17	F14	F17	F14	F17	F14	F17
SHEET	600	600	25X50	25X50	25X50	25X50	25X50	25X50	38X38	25X50
		900	38X38	38X38	38X38	38X38	38X38	38X38	38X38	38X38
		1200	38X38	38X38	38X38	38X38	38X38	38X38	38X50	38X38
	900	600	38X38	38X38	38X38	38X38	38X38	38X38	38X50	38X50
		900	38X38	38X38	38X38	38X38	38X50	38X50	38X75	38X75
		1200	38X38	38X38	38X38	38X38	50X50	50X50	50X75	50X50
	1200	600	38X50	38X38	38X50	38X38	50X50	38X50	N.A.	N.A.
		900	38X50	38X50	38X50	38X50	50X50	50X50	N.A.	N.A.
		1200	38X75	38X50	38X75	38X50	50X75	50X75	N.A.	N.A.
TILE CONCR./T.C.	600	330	25X50	25X50	25X50	25X50	25X50	25X50	25X50	25X50
	900	330	38X50	38X50	38X50	38X50	38X50	38X50	38X50	38X50
METAL TILE	600	370	25X50	25X50	25X50	25X50	25X50	25X50	25X50	25X50
	900	370	25X50	25X50	25X50	25X50	38X38	38X38	38X38	38X38
	1200	370	38X38	38X38	38X38	38X38	38X38	38X38	N.A.	N.A.

No specific notes.

**OTHER MEMBER SIZES**

<b>DPR 81</b>
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MEMBER	REQUIREMENT	W33N-W41N		W41C		W50C		W60C											
		F14	F17	F14	F17	F14	F17	F14	F17										
MULLIONS		SEE NOTES TO WALL STUD TABLES																	
NOGGING		MINIMUM SIZE 15X75						DEPTH: stud - 25mm THICKNESS: 8 35mm											
BINDERS	NAILED TO CEILING JOISTS, NOT USED FOR STRUTTING	LONGITUDINAL TIES ONLY: 75X38 on flat						NOT APPLICABLE											
RIDGE BOARD	ALL ROOFING	RAFTER DEPTH + 50 mm, THICKNESS: 25 mm						NOT APPLICABLE											
VALLEY RAFTERS	ALL ROOFING	RAFTER DEPTH + 50 mm, THICKNESS: 38 mm						NOT APPLICABLE											
HIP RAFTERS	ALL ROOFING	RAFTER DEPTH + 50 mm, THICKNESS: RAFTER THICKNESS - 13 mm						NOT APPLICABLE											
ROOF STRUTS max. L 1500	SHEET ROOF	100X50	100X50	100X50	100X50	100X50	100X50	NOT APPLICABLE											
	TILE ROOF	100X50	100X50	100X50	100X50	100X50	100X50												
ROOF STRUTS max. L 2400	SHEET ROOF	75X75	75X75	75X75	75X75	75X75	75X75	NOT APPLICABLE											
	TILE ROOF	75X75	75X75	75X75	75X75	75X75	75X75												
COLLAR TIES bolted to alternative rafters	up to 4200	75X38	75X38	75X38	75X38	75X38	75X38	NOT APPLICABLE											
	over 4200	75X75	75X75	75X75	75X75	75X75	75X75												
		100X38	100X38	100X38	100X38	100X38	100X38												
VALLEY BOARDS	SHEET ROOF	BATTENS - 13 mm						NOT APPLICABLE											
	TILE ROOF	BATTENS - 10 mm																	
ROOF BRACES	GABLE ROOFS to each main gable	75X38	75X38	75X38	75X38	75X38	75X38	75X38	75X38										
CEILING BATTENS screw and/or glue fixed	BATTEN SPACING	BATTEN SPAN																	
											450	600	25X50	25X50	25X50	25X50	25X50	25X50	25X50
												900	25X50	25X50	25X50	25X50	25X50	25X50	25X50
	1200	38X38										38X38	38X38	38X38	38X38	38X38	38X38		
	600	600									25X50	25X50	25X50	25X50	25X50	25X50	25X50		
		900									25X75	25X50	25X75	25X50	25X75	25X50	25X75		
1200		38X38	38X38	38X38	38X38	38X38	38X38	38X38											

Note to DPR 81:

Where ceiling lining sheets are nailed or nailed and glued to battens, the size of ceiling battens in any stress grade shall be:

- 38x38 mm for 600 mm span,
- 50x50 mm for 900 mm span,
- 50x75 mm for 1200 mm span.