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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.*

**BEARERS SUPPORTING LOADBEARING WALLS - SINGLE SPAN
SHEET ROOF - MAXIMUM ROOF SPAN 2400 mm**

SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	4800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
1500	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
1800	1800	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
	3600	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
	4800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
2100	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
2400	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	4800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
2700	1800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	4800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
3000	1800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	3600	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	4800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
3300	1800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	3600	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	4800	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
3600	1800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	3600	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
	4800	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75
3900	1800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	3600	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.
4200	1800	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	3600	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.

Notes to DPR 2 - DPR 17:

1. The sizes given in these tables are not suitable where heavy point loads are supported within the bearer span.
2. Loadbearing walls with a maximum roof span up to 3600 mm that are at right angles to the bearers, may be located within the allowable cantilever or offset as per associated table.
3. Where the ends of bearers do not support roof loads, the bearers may cantilever 25% of the allowable single span for the size and grade used, provided that the actual backspan is twice the cantilevered distance.

MAXIMUM CANTILEVERS and OFFSETS for BEARERS UNDER LOADBEARING WALLS MAXIMUM ROOF SPAN 3600 mm				
Depth of Member in mm	Maximum permissible cantilever as proportion of actual backspan (%)		Maximum permissible offset as proportion of actual span (%)	
	SHEET ROOF	TILE ROOF	SHEET ROOF	TILE ROOF
under 150	11	8	22	16
150 - 200	15	10	30	20
225 - 275	17	12	34	24
over 300	19	14	38	28

**BEARERS SUPPORTING LOADBEARING WALLS - CONTINUOUS SPAN
SHEET ROOF - MAXIMUM ROOF SPAN 2400 mm**

DPR
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SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
	3600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
	4800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
1500	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	4800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
1800	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	4800	125X75	100X75	125X75	100X75	125X75	100X75	125X75	100X75
2100	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
2400	1800	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
	3600	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	4800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
2700	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	4800	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
3000	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
3300	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
	4800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
3600	1800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	4800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
3900	1800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	3600	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	4800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
4200	1800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	3600	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	4800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75

See notes at DPR 2.

BEARERS SUPPORTING LOADBEARING WALLS - SINGLE SPAN
SHEET ROOF - MAXIMUM ROOF SPAN 5100 mm

SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	4800	125X75	100X75	125X75	100X75	125X75	100X75	125X75	100X75
1500	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
1800	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	4800	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
2100	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	4800	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
2400	1800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	4800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
2700	1800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	3600	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	4800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
3000	1800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	3600	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	4800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
3300	1800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	3600	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
	4800	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
3600	1800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	3600	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75
	4800	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75
3900	1800	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	3600	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.
4200	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

See notes at DPR 2.

**BEARERS SUPPORTING LOADBEARING WALLS - CONTINUOUS SPAN
SHEET ROOF - MAXIMUM ROOF SPAN 5100 mm**

DPR
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SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
	3600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
	4800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
1500	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	4800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
1800	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
2100	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
2400	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	4800	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
2700	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
3000	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
	4800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
3300	1800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	4800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
3600	1800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	3600	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	4800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
3900	1800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	3600	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	4800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
4200	1800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	3600	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	4800	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75

See notes at DPR 2.

BEARERS SUPPORTING LOADBEARING WALLS - SINGLE SPAN
SHEET ROOF - MAXIMUM ROOF SPAN 6600 mm

SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	125X75	100X75	125X75	100X75	125X75	100X75	125X75	100X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
1500	1800	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
	3600	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
	4800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
1800	1800	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
	3600	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
2100	1800	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
	3600	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
	4800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
2400	1800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	3600	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	4800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
2700	1800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	3600	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	4800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
3000	1800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	3600	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	4800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
3300	1800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	3600	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	4800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
3600	1800	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	3600	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	4800	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
3900	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
4200	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

See notes at DPR 2.

**BEARERS SUPPORTING LOADBEARING WALLS - CONTINUOUS SPAN
SHEET ROOF - MAXIMUM ROOF SPAN 6600 mm**

DPR
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SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	4800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
1500	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	4800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
1800	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
2100	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	4800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
2400	1800	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
	3600	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
2700	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
	4800	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
3000	1800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	4800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
3300	1800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	3600	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	4800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
3600	1800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	3600	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	4800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
3900	1800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	3600	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	4800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
4200	1800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	3600	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	4800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75

See notes at DPR 2.

**BEARERS SUPPORTING LOADBEARING WALLS - SINGLE SPAN
SHEET ROOF - MAXIMUM ROOF SPAN 8600 mm**

SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
1500	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	4800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
1800	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
2100	1800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	4800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
2400	1800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	3600	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	4800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
2700	1800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	3600	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	4800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
3000	1800	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
	3600	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	4800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
3300	1800	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75
	3600	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	4800	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
3600	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
3900	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
4200	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

See notes at DPR 2.

**BEARERS SUPPORTING LOADBEARING WALLS - CONTINUOUS SPAN
SHEET ROOF - MAXIMUM ROOF SPAN 8600 mm**

DPR
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SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	4800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
1500	1800	125X75	100X75	125X75	100X75	125X75	100X75	125X75	100X75
	3600	125X75	100X75	125X75	100X75	125X75	100X75	125X75	100X75
	4800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
1800	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
2100	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	4800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
2400	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
2700	1800	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
	3600	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	4800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
3000	1800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	3600	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	4800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
3300	1800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	3600	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	4800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
3600	1800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	3600	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	4800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
3900	1800	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
	3600	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
	4800	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
4200	1800	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75
	3600	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75
	4800	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75

See notes at DPR 2.

**BEARERS SUPPORTING LOADBEARING WALLS - SINGLE SPAN
TILE ROOF - MAXIMUM ROOF SPAN 2400 mm**

SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	125X75	100X75	125X75	100X75	125X75	100X75	125X75	100X75
	4800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
1500	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
	4800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
1800	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
2100	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
	4800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
2400	1800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	4800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
2700	1800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	3600	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	4800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
3000	1800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	3600	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	4800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
3300	1800	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
	3600	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	4800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
3600	1800	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75
	3600	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.
3900	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
4200	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

See notes at DPR 2.

**BEARERS SUPPORTING LOADBEARING WALLS - CONTINUOUS SPAN
TILE ROOF - MAXIMUM ROOF SPAN 2400 mm**

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SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
	3600	100X75	75X75	100X75	75X75	100X75	75X75	100X75	75X75
	4800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
1500	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	4800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
1800	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
2100	1800	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
	3600	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	4800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
2400	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
2700	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	4800	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
3000	1800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	4800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
3300	1800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	3600	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	4800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
3600	1800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	3600	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	4800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
3900	1800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	3600	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	4800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
4200	1800	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
	3600	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
	4800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75

See notes at DPR 2.

**BEARERS SUPPORTING LOADBEARING WALLS - SINGLE SPAN
TILE ROOF - MAXIMUM ROOF SPAN 5100 mm**

SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
1500	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	4800	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
1800	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	4800	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
2100	1800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	4800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
2400	1800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	3600	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	4800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
2700	1800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	3600	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	4800	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
3000	1800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	3600	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75
	4800	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75
3300	1800	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	3600	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.
3600	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
3900	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
4200	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

See notes at DPR 2.

**BEARERS SUPPORTING LOADBEARING WALLS - CONTINUOUS SPAN
TILE ROOF - MAXIMUM ROOF SPAN 5100 mm**

DPR 13

SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	4800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
1500	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
1800	1800	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
	3600	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
	4800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
2100	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
2400	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	4800	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
2700	1800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	4800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
3000	1800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	3600	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	4800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
3300	1800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	3600	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	4800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
3600	1800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	3600	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	4800	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
3900	1800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	3600	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	4800	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75
4200	1800	N.A.	275X75	N.A.	275X75	N.A.	275X75	N.A.	275X75
	3600	N.A.	275X75	N.A.	275X75	N.A.	275X75	N.A.	275X75
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

See notes at DPR 2.

**BEARERS SUPPORTING LOADBEARING WALLS - SINGLE SPAN
TILE ROOF - MAXIMUM ROOF SPAN 6600 mm**

SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
	3600	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
	4800	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
1500	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
1800	1800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	4800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
2100	1800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	3600	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	4800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
2400	1800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	3600	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	4800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
2700	1800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	3600	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	4800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
3000	1800	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	3600	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.
3300	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
3600	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
3900	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
4200	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

See notes at DPR 2.

**BEARERS SUPPORTING LOADBEARING WALLS - CONTINUOUS SPAN
TILE ROOF - MAXIMUM ROOF SPAN 6600 mm**

DPR 15

SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	4800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
1500	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
1800	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	4800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
2100	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
2400	1800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	4800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
2700	1800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	3600	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	4800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
3000	1800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	3600	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	4800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
3300	1800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	3600	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	4800	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
3600	1800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	3600	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	4800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
3900	1800	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	3600	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	4800	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
4200	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

See notes at DPR 2.

**BEARERS SUPPORTING LOADBEARING WALLS - SINGLE SPAN
TILE ROOF - MAXIMUM ROOF SPAN 8600 mm**

SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	4800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
1500	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
1800	1800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	3600	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	4800	250X75	200X75	250X75	200X75	250X75	200X75	250X75	200X75
2100	1800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	3600	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	4800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
2400	1800	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
	3600	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
	4800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
2700	1800	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	3600	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	4800	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
3000	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
3300	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
3600	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
3900	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
4200	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

See notes at DPR 2.

**BEARERS SUPPORTING LOADBEARING WALLS - CONTINUOUS SPAN
TILE ROOF - MAXIMUM ROOF SPAN 8600 mm**

DPR 17

SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	125X75	100X75	125X75	100X75	125X75	100X75	125X75	100X75
	3600	125X75	100X75	125X75	100X75	125X75	100X75	125X75	100X75
	4800	125X75	100X75	125X75	100X75	125X75	100X75	125X75	100X75
1500	1800	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
	3600	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
	4800	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
1800	1800	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
	3600	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
	4800	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
2100	1800	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
	3600	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
	4800	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
2400	1800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	3600	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	4800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
2700	1800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	3600	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	4800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
3000	1800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	3600	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	4800	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
3300	1800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	3600	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	4800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
3600	1800	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	3600	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
	4800	N.A.	300X75	N.A.	300X75	N.A.	300X75	N.A.	300X75
3900	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
4200	1800	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.
	4800	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

See notes at DPR 2.

SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
	3600	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	4800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
1500	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
1800	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
2100	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
2400	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	4800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
2700	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	4800	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
3000	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	4800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
3300	1800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	4800	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
3600	1800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	3600	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	4800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
3900	1800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
	3600	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75
	4800	300X75	300X75	300X75	300X75	300X75	300X75	300X75	300X75
4200	1800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	3600	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.

Notes to DPR 18 & DPR 19:

1. The bearers may cantilever 25% of the allowable single span for the size and grade used.
2. If the bearers are unequally spaced, the bearer spacing shall be taken as the average of the floor joists span on either side of the bearer.
3. If bearers are supporting floor joists on one side only, the bearer spacing shall be taken as half of the adjacent floor joist span.

**BEARERS NOT SUPPORTING ROOF LOADS
CONTINUOUS SPAN**

SPAN in mm	SPACING in mm	W33N-W41N		W41C		W50C		W60C	
		F14	F17	F14	F17	F14	F17	F14	F17
1200	1800	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
	3600	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
	4800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
1500	1800	75X75	75X75	75X75	75X75	75X75	75X75	75X75	75X75
	3600	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	4800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
1800	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	4800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
2100	1800	100X75	100X75	100X75	100X75	100X75	100X75	100X75	100X75
	3600	150X75	125X75	150X75	125X75	150X75	125X75	150X75	125X75
	4800	175X75	150X75	175X75	150X75	175X75	150X75	175X75	150X75
2400	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	4800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
2700	1800	125X75	125X75	125X75	125X75	125X75	125X75	125X75	125X75
	3600	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	4800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
3000	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	200X75	175X75	200X75	175X75	200X75	175X75	200X75	175X75
	4800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
3300	1800	150X75	150X75	150X75	150X75	150X75	150X75	150X75	150X75
	3600	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	4800	250X75	225X75	250X75	225X75	250X75	225X75	250X75	225X75
3600	1800	175X75	175X75	175X75	175X75	175X75	175X75	175X75	175X75
	3600	225X75	225X75	225X75	225X75	225X75	225X75	225X75	225X75
	4800	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
3900	1800	200X75	200X75	200X75	200X75	200X75	200X75	200X75	200X75
	3600	250X75	250X75	250X75	250X75	250X75	250X75	250X75	250X75
	4800	275X75	275X75	275X75	275X75	275X75	275X75	275X75	275X75
4200	1800	225X75	200X75	225X75	200X75	225X75	200X75	225X75	200X75
	3600	275X75	250X75	275X75	250X75	275X75	250X75	275X75	250X75
	4800	300X75	275X75	300X75	275X75	300X75	275X75	300X75	275X75

See notes at DPR 18.

FLOOR JOIST SPAN in mm	W33N-W41N		W41C		W50C		W60C	
	F14	F17	F14	F17	F14	F17	F14	F17
1800	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
	100X50	100X50	100X50	100X50	100X50	100X50	100X50	100X50
2100	125X38	125X38	125X38	125X38	125X38	125X38	125X38	125X38
	100X50	100X50	100X50	100X50	100X50	100X50	100X50	100X50
2400	125X38	125X38	125X38	125X38	125X38	125X38	125X38	125X38
	125X50	125X50	125X50	125X50	125X50	125X50	125X50	125X50
2700	150X38	150X38	150X38	150X38	150X38	150X38	150X38	150X38
	125X50	125X50	125X50	125X50	125X50	125X50	125X50	125X50
3000	150X38	150X38	150X38	150X38	150X38	150X38	150X38	150X38
	150X50	125X50	150X50	125X50	150X50	125X50	150X50	125X50
3300	175X38	150X38	175X38	150X38	175X38	150X38	175X38	150X38
	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
3600	175X38	175X38	175X38	175X38	175X38	175X38	175X38	175X38
	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
3900	200X38	175X38	200X38	175X38	200X38	175X38	200X38	175X38
	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
4200	200X38	200X38	200X38	200X38	200X38	200X38	200X38	200X38
	200X50	175X50	200X50	175X50	200X50	175X50	200X50	175X50
4500	225X38	225X38	225X38	225X38	225X38	225X38	225X38	225X38
	200X50	200X50	200X50	200X50	200X50	200X50	200X50	200X50
4800	250X38	250X38	250X38	250X38	250X38	250X38	250X38	250X38
	225X50	225X50	225X50	225X50	225X50	225X50	225X50	225X50

All floor joists in DPR ENGINEER PLATED FLOOR JOISTS

Notes to DPR 20 - DPR 23, see also DPR 21:

1. Loadbearing walls with a maximum roof span up to 3600 mm that are at right angles to the floor joists, may be located within the allowable cantilever or offset as per following table, except that floor joists may cantilever to support loadbearing walls up to 6600 mm roof span, provided the cantilever is a maximum of 50% of the value given in the table:

MAXIMUM CANTILEVERS and OFFSETS for BEARERS UNDER LOADBEARING WALLS				
MAXIMUM ROOF SPAN 3600 mm				
Depth of Member in mm	Maximum permissible cantilever as proportion of actual backspan (%)		Maximum permissible offset as proportion of actual span (%)	
	SHEET ROOF	TILE ROOF	SHEET ROOF	TILE ROOF
under 125	11	8	22	16
150 - 200	15	10	30	20
225 - 275	17	12	34	24
over 300	19	14	38	28

2. The sizes in the DPR tables are not suitable where heavy point loads are supported within the joist span.
3. Where the ends of the joists do not support roof loads, the joists may cantilever 25% of the allowable single span for the size and grade used.
4. For spans over 2400 mm, a floor joist size used at the maximum span given by the table may exhibit excessive "bounce". To avoid excessive bounce, the joists may be one size greater than the table sizes.

**FLOOR JOISTS @ 450 mm CENTRES - CONTINUOUS SPAN
NOT SUPPORTING ROOF LOADS**

DPR 21

FLOOR JOIST SPAN in mm	W33N-W41N		W41C		W50C		W60C	
	F14	F17	F14	F17	F14	F17	F14	F17
1800	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
	100X50	100X50	100X50	100X50	100X50	100X50	100X50	100X50
2100	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
	100X50	100X50	100X50	100X50	100X50	100X50	100X50	100X50
2400	125X38	125X38	125X38	125X38	125X38	125X38	125X38	125X38
	100X50	100X50	100X50	100X50	100X50	100X50	100X50	100X50
2700	125X38	125X38	125X38	125X38	125X38	125X38	125X38	125X38
	125X50	125X50	125X50	125X50	125X50	125X50	125X50	125X50
3000	150X38	125X38	150X38	125X38	150X38	125X38	150X38	125X38
	125X50	125X50	125X50	125X50	125X50	125X50	125X50	125X50
3300	150X38	150X38	150X38	150X38	150X38	150X38	150X38	150X38
	125X50	125X50	125X50	125X50	125X50	125X50	125X50	125X50
3600	150X38	150X38	150X38	150X38	150X38	150X38	150X38	150X38
	150X50	125X50	150X50	125X50	150X50	125X50	150X50	125X50
3900	150X38	150X38	150X38	150X38	150X38	150X38	150X38	150X38
	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
4200	175X38	175X38	175X38	175X38	175X38	175X38	175X38	175X38
	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
4500	175X38	175X38	175X38	175X38	175X38	175X38	175X38	175X38
	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
4800	200X38	200X38	200X38	200X38	200X38	200X38	200X38	200X38
	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50

All floor joists in DPR ENGINEER PLATED FLOOR JOISTS

Notes to DPR 20 - DPR 23, see also DPR 20:

5. Where loadbearing walls run at right angles to the floor joists and occur outside allowable offsets, the floor joist size shall be increased or alternatively multiple joists used in accordance with the following table:

ROOF SPAN in mm		INCREASE in JOIST DEPTH (in mm) or MULTIPLE JOISTS for JOIST SPANS of:		
		2400	3900	4800
SHEET ROOF	2400	+ 25 mm or 2 joists	+ 25 mm or 2 joists	+ 50 mm or 1.5 joists
SHEET ROOF	3600	+ 25 mm	+ 50 mm	+ 50 mm
TILE ROOF	2400	or 2.5 joists	or 2 joists	or 2 joists
TILE ROOF	3600	+ 50 mm or 3 joists	+ 75 mm or 2.5 joists	+ 75 mm or 2 joists

FLOOR JOIST SPAN in mm	W33N-W41N		W41C		W50C		W60C	
	F14	F17	F14	F17	F14	F17	F14	F17
1800	125X38	100X38	125X38	100X38	125X38	100X38	125X38	100X38
	100X50	100X50	100X50	100X50	100X50	100X50	100X50	100X50
2100	125X38	125X38	125X38	125X38	125X38	125X38	125X38	125X38
	125X50	100X50	125X50	100X50	125X50	100X50	125X50	100X50
2400	125X38	125X38	125X38	125X38	125X38	125X38	125X38	125X38
	125X50	125X50	125X50	125X50	125X50	125X50	125X50	125X50
2700	150X38	150X38	150X38	150X38	150X38	150X38	150X38	150X38
	125X50	125X50	125X50	125X50	125X50	125X50	125X50	125X50
3000	150X38	150X38	150X38	150X38	150X38	150X38	150X38	150X38
	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
3300	175X38	175X38	175X38	175X38	175X38	175X38	175X38	175X38
	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
3600	200X38	175X38	200X38	175X38	200X38	175X38	200X38	175X38
	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
3900	200X38	200X38	200X38	200X38	200X38	200X38	200X38	200X38
	200X50	175X50	200X50	175X50	200X50	175X50	200X50	175X50
4200	225X38	225X38	225X38	225X38	225X38	225X38	225X38	225X38
	200X50	200X50	200X50	200X50	200X50	200X50	200X50	200X50
4500	250X38	250X38	250X38	250X38	250X38	250X38	250X38	250X38
	225X50	225X50	225X50	225X50	225X50	225X50	225X50	225X50
4800	275X38	275X38	275X38	275X38	275X38	275X38	275X38	275X38
	250X50	250X50	250X50	250X50	250X50	250X50	250X50	250X50

All floor joists in DPR ENGINEER PLATED FLOOR JOISTS

See notes at DPR 20 and DPR 21.

**FLOOR JOISTS @ 600 mm CENTRES - CONTINUOUS SPAN
NOT SUPPORTING ROOF LOADS**

DPR 23

FLOOR JOIST SPAN in mm	W33N-W41N		W41C		W50C		W60C	
	F14	F17	F14	F17	F14	F17	F14	F17
1800	100X38	100X38	100X38	100X38	100X38	100X38	100X38	100X38
	100X50	100X50	100X50	100X50	100X50	100X50	100X50	100X50
2100	125X38	100X38	125X38	100X38	125X38	100X38	125X38	100X38
	100X50	100X50	100X50	100X50	100X50	100X50	100X50	100X50
2400	125X38	125X38	125X38	125X38	125X38	125X38	125X38	125X38
	125X50	100X50	125X50	100X50	125X50	100X50	125X50	100X50
2700	125X38	125X38	125X38	125X38	125X38	125X38	125X38	125X38
	125X50	125X50	125X50	125X50	125X50	125X50	125X50	125X50
3000	150X38	125X38	150X38	125X38	150X38	125X38	150X38	125X38
	125X50	125X50	125X50	125X50	125X50	125X50	125X50	125X50
3300	150X38	150X38	150X38	150X38	150X38	150X38	150X38	150X38
	150X50	125X50	150X50	125X50	150X50	125X50	150X50	125X50
3600	150X38	150X38	150X38	150X38	150X38	150X38	150X38	150X38
	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
3900	175X38	175X38	175X38	175X38	175X38	175X38	175X38	175X38
	150X50	150X50	150X50	150X50	150X50	150X50	150X50	150X50
4200	175X38	175X38	175X38	175X38	175X38	175X38	175X38	175X38
	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
4500	200X38	200X38	200X38	200X38	200X38	200X38	200X38	200X38
	175X50	175X50	175X50	175X50	175X50	175X50	175X50	175X50
4800	225X38	225X38	225X38	225X38	225X38	225X38	225X38	225X38
	200X50	200X50	200X50	200X50	200X50	200X50	200X50	200X50

All floor joists in DPR ENGINEER PLATED FLOOR JOISTS

See notes at DPR 20 and DPR 21.