

Appendix C

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Maximum Spans of Plyform with Face Grain Parallel to Supports

Depth below Top of Form ,ft	Maximum Concrete Pressure ($P_m = wh$), lb per sq ft	Maximum Spacing, in.								
		Single Span (2 supports)			Two Spans (3 supports)			Multiple Spans (4 or more supports)		
		Thickness, in.			Thickness, in.			Thickness, in.		
		5/8	3/4	1	5/8	3/4	1	5/8	3/4	1
4	600	6	7	11	7	9	14	7	9	13
5	750	5	7	10	7	9	12	6	8	12
6	900	5	6	9	6	8	11	6	8	11
7	1050	5	6	9	5	7	10	6	7	11
8	1200	4	6	8	5	6	10	5	6	10
9	1350	4	6	8	5	6	8	5	6	9
10	1500	4	5	8	4	5	8	4	5	8
11	1650	4	5	8	4	5	7	4	5	7
12	1800	4	5	7	4	5	7	4	5	7
13	1950	4	5	7	4	4	7	4	4	7
14	2100	4	5	7	—	4	6	4	4	6
15	2250	4	5	7	—	4	6	—	4	6
16	2400	4	4	7	—	4	6	—	4	6
17	2550	—	4	6	—	4	5	—	4	5
18	2700	—	4	6	—	4	5	—	4	5
19	2850	—	4	6	—	4	5	—	4	5
20	3000	—	4	6	—	—	5	—	—	5

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Notes:

1. For Plyform, values based on $F_b = 1,930$ psi, $F_s = 72$ psi, and $E = 1,650,000$ psi, with face grain installed in the weak direction, physical properties for stress applied perpendicular to face grain.
2. Concrete pressure based on concrete with 150 lb per cu ft unit weight. Spacings are governed by bending, shear, or deflection. Maximum deflection limited to $l/360$, but not more than 1/16 in.

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Maximum Spans of Plyform with Face Grain Across Supports

Depth below Top of Form ,ft	Maximum Concrete Pressure ($P_m = wh$), lb per sq ft	Maximum Spacing, in.								
		Single Span (2 supports)			Two Spans (3 supports)			Multiple Spans (4 or more supports)		
		Thickness, in.			Thickness, in.			Thickness, in.		
		5/8	3/4	1	5/8	3/4	1	5/8	3/4	1
4	600	9	11	14	10	11	14	11	13	16
5	750	9	10	13	9	10	12	10	11	14
6	900	8	9	12	8	9	12	9	10	13
7	1050	8	8	11	7	8	11	8	9	12
8	1200	7	8	10	7	8	10	8	9	11
9	1350	7	7	9	7	7	9	7	8	10
10	1500	6	7	9	6	7	9	7	8	10
11	1650	6	7	9	6	7	9	6	7	9
12	1800	6	7	8	6	7	8	6	7	9
13	1950	6	6	8	5	6	8	6	7	8

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14	2100	5	6	7	5	6	7	5	6	7
15	2250	5	6	7	5	6	7	5	6	7
16	2400	5	6	7	5	6	7	5	6	7
17	2550	5	5	7	5	5	6	5	5	6
18	2700	5	5	7	4	5	6	4	5	6
19	2850	5	5	7	4	5	6	4	5	6
20	3000	5	5	7	4	5	6	4	5	6

Notes:

3. For Plyform, values based on $F_b = 1,930$ psi, $F_s = 72$ psi, and $E = 1,650,000$ psi, with face grain installed in the strong direction, physical properties for stress applied parallel to face grain.
 4. Concrete pressure based on concrete with 150 lb per cu ft unit weight. Spacings are governed by bending, shear, or deflection. Maximum deflection limited to $l/360$, but not more than 1/16 in.
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Column Clamp Spacing Chart

CONCRETE PRESSURE LBS/SQ.FT.	COLUMN HEIGHT FT.	36''*				COLUMN HEIGHT FT.	48''*				
		*OVERALL LENGTH OF SIDEBAR CLAMP OPENING (INCHES)					*OVERALL LENGTH OF SIDEBAR CLAMP OPENING (INCHES)				
0	0	14½"	19½"	24½"	28½"	0	20½"	25½"	30½"	35½"	40½"
		4"	4"	4"	4"		4"	4"	4"	4"	4"
150	1 FT.					1 FT.					
300	2 FT.	33"	33"	33"	26"	2 FT.	33"	33"	33"	28"	22"
450	3 FT.					3 FT.					
600	4 FT.				20"	4 FT.					18"
750	5 FT.	29"	29"	26"		5 FT.	29"	29"	27"		
900	6 FT.				14"	6 FT.				15"	11"
					11"						10"
1050	7 FT.	23"	23"		10"	7 FT.		23"	19"	12"	8"
					8"					10"	6"
1200	8 FT.			14"		8 FT.			15"	10"	6"
					8"					8"	6"
1350	9 FT.	20"	19"	12"		9 FT.	20"	20"		8"	
					7"				13"	7"	
1500	10 FT.	18"	17"	10"	6"	10 FT.		17"	12"	7"	
				10"	6"		18"		10"	6"	
1650	11 FT.		14"	9"	6"	11 FT.		14"	10"	6"	
		18"		8"					9"	6"	
1800	12 FT.		14"	8"		12 FT.	18"	14"	10"	6"	
				8"					9"	6"	
1950	13 FT.	16"	12"	8"		13 FT.		14"	9"	6"	
				7"			16"	12"	8"	6"	
2100	14 FT.	15"	12"	7"		14 FT.			8"	6"	
				7"					8"	6"	
2250	15 FT.		10"	6"		15 FT.	16"	12"	7"	6"	
		14"		6"				10"	7"	6"	
2400	16 FT.		10"	6"		16 FT.	14"	10"	7"	6"	
				6"					6"	6"	
2550	17 FT.	14"	10"	6"		17 FT.	14"	10"	6"	6"	
				6"					6"	6"	
2700	18 FT.	14"	9"			18 FT.		9"	6"	6"	
			8"				14"	8"	6"	6"	
2850	19 FT.	13"	8"			19 FT.	12"	8"	6"	6"	
			8"						6"	6"	
3000	20 FT.	9"	8"			20 FT.	6"	7"			