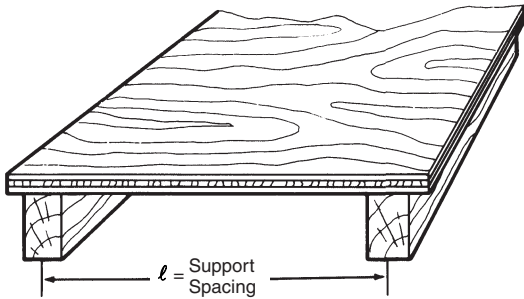
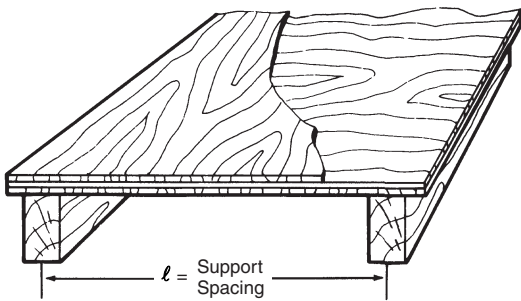


Technical Data — Plywood

Data based on information supplied by the American Plywood Association. For plywood used with face grain parallel to spacing, the tabulated spacings may be used with Plyform Class 1, Structural 1, Exterior A-B, Exterior B-B, Exterior B-C or equivalent grades of plywood. For face grain perpendicular to spacing, tabulated spacings are suitable only for use with Plyform Class 1 or Structural 1 grades or their equivalent.



Plywood used the strong way (Face Grain parallel to spacing)

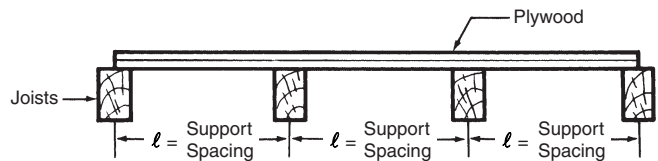


Plywood used the weak way (Face Grain perpendicular to spacing)

Plywood Data					
Thickness	Approximate Weight lbs.		Plies	Minimum Bending Radii	
	4x8 Sheet	Square Foot		Across Grain	Parallel to Grain
1/2"	48	1.5	3	6 Ft.	12 Ft.
5/8"	58	1.8	5	8 Ft.	16 Ft.
3/4"	70	2.2	5	12 Ft.	20 Ft.
1"	96	3.0	5	—	—

Safe Spacing in Inches of Support for Plywood Sheathing, Continuous Over Three or More Spaces								
Design Load of Concrete Pounds per Square Foot	f = 1,900 psi; Rolling Shear = 72 psi E = 1,500,000 psi							
	Sanded, Face Grain Parallel to Spacing				Sanded, Face Grain Perpendicular to Spacing			
	1/2" (3 Ply)	5/8" (5 Ply)	3/4" (5 Ply)	1" (5 Ply)	1/2" (3 Ply)	5/8" (5 Ply)	3/4" (5 Ply)	1" (5 Ply)
75	20"	23"	26"	31"	10"	14"	18"	25"
100	18"	21"	24"	29"	9"	13"	17"	23"
125	16"	20"	23"	27"	8"	12"	15"	22"
150	15"	18"	21"	26"	8"	11"	14"	21"
175	15"	17"	20"	25"	7"	10"	14"	20"
200	14"	17"	19"	24"	7"	10"	13"	19"
225	13"	16"	18"	23"	7"	10"	13"	18"
250	13"	15"	17"	23"	7"	10"	12"	17"
275	12"	15"	17"	22"	6"	9"	11"	16"
300	12"	15"	17"	22"	6"	9"	11"	16"

Maximum deflection is $l/360$, but not more than $1/16"$.



Safe Spacing in Inches of Support for Plywood Sheathing, Single Spacing								
Design Load of Concrete Pounds per Square Foot	f = 1,900 psi; Rolling Shear = 72 psi E = 1,500,000 psi							
	Sanded, Face Grain Parallel to Spacing				Sanded, Face Grain Perpendicular to Spacing			
	1/2" (3 Ply)	5/8" (5 Ply)	3/4" (5 Ply)	1" (5 Ply)	1/2" (3 Ply)	5/8" (5 Ply)	3/4" (5 Ply)	1" (5 Ply)
75	16"	19"	22"	26"	8"	11"	15"	21"
100	14"	17"	20"	25"	7"	10"	13"	19"
125	13"	16"	18"	23"	7"	9"	12"	18"
150	12"	15"	17"	22"	6"	9"	12"	17"
175	12"	14"	16"	21"	6"	8"	11"	16"
200	11"	14"	16"	20"	6"	8"	11"	15"
225	10"	12"	15"	19"	6"	8"	10"	14"
250	10"	12"	14"	18"	6"	8"	10"	14"
275	10"	12"	14"	18"	5"	7"	9"	14"
300	10"	12"	14"	18"	5"	7"	9"	13"

Maximum deflection is $l/360$, but not more than $1/16"$.

