

Actual Plywood Thickness Chart

PS 1-22 Performance Categories: the labeled thickness and the range a panel can measure · inch and mm

CATEGORY	LABEL (IN)	LABEL (MM)	UNSANDED (IN)	UNSANDED (MM)	SANDED (IN)	SANDED (MM)
1/4	.225 / .234	5.7 / 5.9	0.219–0.281	5.6–7.1	0.234–0.266	5.9–6.8
5/16	.290 / .297	7.4 / 7.5	0.281–0.344	7.1–8.7	0.297–0.328	7.5–8.3
11/32	.322 / .328	8.2 / 8.3	0.313–0.375	8.0–9.5	0.328–0.359	8.3–9.1
3/8	.354 / .359	9.0 / 9.1	0.344–0.406	8.7–10.3	0.359–0.391	9.1–9.9
7/16	.418 / .422	10.6 / 10.7	0.406–0.469	10.3–11.9	0.422–0.453	10.7–11.5
15/32	.451 / .453	11.5	0.438–0.500	11.1–12.7	0.453–0.484	11.5–12.3
1/2	.483 / .484	12.3	0.469–0.531	11.9–13.5	0.484–0.516	12.3–13.1
9/16	.547	13.9	0.531–0.594	13.5–15.1	0.547–0.578	13.9–14.7
19/32	.578	14.7	0.563–0.625	14.3–15.9	0.578–0.609	14.7–15.5
5/8	.609	15.5	0.594–0.656	15.1–16.7	0.609–0.641	15.5–16.3
11/16	.672	17.1	0.656–0.719	16.7–18.3	0.672–0.703	17.1–17.9
23/32	.703	17.9	0.688–0.750	17.5–19.1	0.703–0.734	17.9–18.6
3/4	.734	18.6	0.719–0.781	18.3–19.8	0.734–0.766	18.6–19.5
13/16	.788	20.0	0.781–0.844	19.8–21.4	0.788–0.837	20.0–21.3
7/8	.849	21.6	0.831–0.919	21.1–23.3	0.849–0.901	21.6–22.9
1	.970	24.6	0.950–1.050	24.1–26.7	0.970–1.030	24.6–26.2
1-1/8	1.091	27.7	1.069–1.181	27.2–30.0	1.091–1.159	27.7–29.4
1-1/4	1.213	30.8	1.188–1.313	30.2–33.4	1.213–1.288	30.8–32.7

Unsanded = unsanded, touch-sanded and overlaid grades: the category plus or minus 1/32" up to 13/16, 5% above. Sanded = plus or minus 1/64" up to 3/4, 3% above. Label = PS 1's recommended thickness label (Appendix D); where two are shown, unsanded / sanded.

23/32 (highlighted) and 3/4 are separate categories, 1/32" apart. The panel's stamp carries its category and its decimal label. mm = inches x 25.4, rounded to 0.1 mm.

For US structural plywood made to PS 1. Hardwood (cabinet) plywood is made to HP-1, so measure it. For a floor, roof or wall, the panel's span rating and your building code decide the thickness.

