

ATTACHMENT 3
WOOD GARAGE DOOR WEIGHT CALCULATION DATA SHEET

TABLE 1:

NOMINAL SIZE (ACTUAL SIZE)	WEIGHT PER LINEAR FOOT (LB./FT.)			
	DOUGLAS FIR-LARCH	CALIFORNIA REDWOOD; RED PINE; HEM-FIR; EASTERN SOFTWOODS; NORTHERN ASPEN	DOUGLAS FIR, SOUTH; WESTERN HEMLOCK; SOUTHERN CYPRESS	SOUTHERN PINE
2X6 (1-1/2 X 5-1/2)	1.82	1.50	1.72	1.97
2X4 (1-1/2 X 3-1/2)	1.16	0.96	1.09	1.25
2X3 (1-1/2 X 2-1/2)	0.83	0.68	0.78	0.89
1X6 (3/4 X 5-1/2)	0.91	0.75	0.86	0.98
1X4 (3/4 X 3-1/2)	0.58	0.48	0.55	0.63
1X3 (3/4 X 2-1/2)	0.41	0.34	0.39	0.45
1/2 X 6 (FULL SIZE)	0.66	0.55	0.62	0.72
1/2 X 4 (FULL SIZE)	0.44	0.36	0.42	0.48
1/2 X 3 (FULL SIZE)	0.33	0.27	0.31	0.36
1/2 X 2 (FULL SIZE)	0.22	0.18	0.21	0.24

THE ABOVE TABLE WAS COMPILED USING THE FOLLOWING DENSITIES FOR EACH WOOD:

DOUGLAS FIR-LARCH: 31.84 LB. / CUBIC FT.
 CALIFORNIA REDWOOD; etc.: 26.22 LB. / CUBIC FT.
 DOUGLAS FIR, SOUTH; etc.: 29.97 LB. / CUBIC FT.
 SOUTHERN PINE: 34.34 LB. / CUBIC FT.

**ATTACHMENT 4
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TABLE 2:

PLYWOOD	
NOMINAL THICKNESS AND TYPE (IN.)	APPROX. WEIGHT (LB. / SQ. FT.)
1/4 - S	0.80
5/16 - U , 11/32 - S	1.00
3/8 - U , S	1.10
15/32 - S	1.40
15/32 - U & 1/2 - U , S , T	1.50
19/32 - S	1.70
19/32 - U , T & 5/8 - U , S , T	1.80
23/32 - S	2.10
23/32 - U , T & 3/4 - U , S , T	2.20
7/8 - U , S	2.60
1/4 A.C. FIR PLY	0.79
3/8 A.C. FIR PLY	1.13
3/8 OVERLAY (1-SIDE) MED. DEN.	1.19
3/8 OVERLAY (2-SIDES) MED. DEN.	1.26
5/8 TEXTURE 111 - GROOVED 2" O.C.	1.67
5/8 TEXTURE 111 - GROOVED 4" O.C.	1.75
5/8 A.C. FIR PLY	1.83

HARDBOARD	
NOMINAL THICKNESS AND TYPE (IN.)	APPROX. WEIGHT (LB. / SQ. FT.)
1/4 A.C. TEMP. PRESWOOD - PLAIN	1.38
1/4 TEMP. RIDGELINE	1.32
5/16 PANEL GROOVE 2" O.C.	1.68
5/16 RIDGE GROOVE 4" O.C.	1.59
5/16 TEMP. PRESWOOD	1.85

CLADWOOD	
THICKNESS (IN.)	(LB. / SQ. FT.)
7/16 (FULL SIZE)	1.25
1/2 (FULL SIZE)	1.63

U = UNSANDED PANELS; S = SANDED PANELS; T = TOUCH-SANDED PANELS.