



Maximum Axial Load (pounds per linear foot)

Effective Height (ft)	4 1/2" Eco-Pan: Combined Loads					
	Wind Load (psf)					
	5	10	15	20	25	30
6	2723	2514	2320	2137	1965	1800
6.5	2675	2429	2204	1995	1800	1615
7	2621	2336	2080	1846	1628	1424
7.5	2561	2235	1949	1690	1452	1212
8	2493	2127	1811	1530	1275	429
8.5	2418	2012	1670	1369	651	--
9	2337	1893	1527	1020	--	--
9.5	2248	1771	1384	447	--	--
10	2155	1647	1047	--	--	--
10.5	2056	1523	584	--	--	--
11	1955	1400	145	--	--	--
11.5	1851	1047	--	--	--	--
12	1747	706	--	--	--	--

Notes:

- 1) The maximum axial load (in pounds per linear foot of wall) is based on the normal load duration.
- 2) The lateral load deflection is limited to L/180.
- 3) The tables were developed according to Section 2347 of the 1994 Uniform Building Code and Plywood Design Specification by the American Plywood Association.
- 4) The panel skins are 7/16" thick OSB, which conforms to CAN/CSA O437.0, Grade O-2 or better.
- 5) The panel core is EPS Type 1, with minimum physical properties of: modulus of elasticity $E_c = 180$ psi, shear modulus $G_c = 280$ psi, shear strength = 17 psi.



Maximum Axial Load (pounds per linear foot)

6 1/2" Eco-Pan: Combined Loads						
Effective Height (ft)	Wind Load (psf)					
	5	10	15	20	25	30
6	2828	2710	2594	2481	2370	2261
6.5	2805	2666	2530	2397	2268	2141
7	2780	2617	2459	2306	2157	2013
7.5	2752	2564	2383	2208	2040	1877
8	2721	2506	2301	2104	1916	1734
8.5	2688	2444	2213	1994	1785	1585
9	2651	2377	2120	1879	1650	1432
9.5	2612	2305	2022	1759	1510	1275
10	2569	2229	1920	1635	1367	1116
10.5	2522	2150	1814	1508	1223	910
11	2472	2066	1706	1378	1077	113
11.5	2419	1979	1594	1248	662	--
12	2362	1889	1481	1118	--	--
12.5	2302	1796	1367	756	--	--
13	2239	1702	1253	182	--	--
13.5	2172	1606	1139	--	--	--
14	2103	1510	708	--	--	--
14.5	2032	1414	256	--	--	--
15	1958	1318	--	--	--	--
15.5	1883	1186	--	--	--	--
16	1808	843	--	--	--	--

Notes:

- 1) The maximum axial load (in pounds per linear foot of wall) is based on the normal load duration.
- 2) The lateral load deflection is limited to L/180.
- 3) The tables were developed according to Section 2347 of the 1994 Uniform Building Code and Plywood Design Specification by the American Plywood Association.
- 4) The panel skins are 7/16" thick OSB, which conforms to CAN/CSA O437.0, Grade O-2 or better.
- 5) The panel core is EPS Type 1, with minimum physical properties of: modulus of elasticity $E_c = 180$ psi, shear modulus $G_c = 280$ psi, shear strength = 17 psi.



Maximum Axial Load (pounds per linear foot)

8 1/4" Eco-Pan: Combined Loads						
Effective Height (ft)	Wind Load (psf)					
	5	10	15	20	25	30
6	2863	2778	2693	2610	2527	2446
6.5	2847	2747	2647	2549	2453	2357
7	2830	2713	2597	2484	2372	2262
7.5	2811	2676	2543	2413	2285	2160
8	2790	2636	2485	2337	2193	2051
8.5	2768	2593	2423	2257	2095	1936
9	2744	2547	2356	2171	1991	1816
9.5	2719	2498	2285	2080	1882	1690
10	2691	2445	2211	1986	1769	1560
10.5	2661	2390	2132	1887	1652	1426
11	2629	2331	2050	1784	1531	1288
11.5	2596	2269	1965	1678	1406	1148
12	2560	2205	1876	1569	1280	1006
12.5	2521	2137	1785	1458	1152	863
13	2481	2067	1691	1345	1022	457
13.5	2438	1994	1595	1230	892	--
14	2393	1918	1497	1115	492	--
14.5	2346	1841	1399	1000	--	--
15	2296	1762	1299	859	--	--
15.5	2245	1682	1199	273	--	--
16	2191	1600	1099	--	--	--

Notes:

- 1) The maximum axial load (in pounds per linear foot of wall) is based on the normal load duration.
- 2) The lateral load deflection is limited to L/180.
- 3) The tables were developed according to Section 2347 of the 1994 Uniform Building Code and Plywood Design Specification by the American Plywood Association.
- 4) The panel skins are 7/16" thick OSB, which conforms to CAN/CSA O437.0, Grade O-2 or better.
- 5) The panel core is EPS Type 1, with minimum physical properties of: modulus of elasticity $E_c = 180$ psi, shear modulus $G_c = 280$ psi, shear strength = 17 psi.



Maximum Axial Load (pounds per linear foot)

10 1/4" Eco-Pan: Combined Loads						
Effective Height (ft)	Wind Load (psf)					
	5	10	15	20	25	30
6	2884	2819	2755	2691	2628	2565
6.5	2872	2796	2721	2646	2571	2497
7	2859	2771	2683	2596	2510	2424
7.5	2846	2744	2643	2543	2444	2346
8	2831	2714	2599	2486	2373	2262
8.5	2815	2683	2553	2425	2298	2173
9	2798	2649	2503	2360	2218	2079
9.5	2779	2613	2450	2291	2134	1980
10	2760	2575	2395	2218	2046	1877
10.5	2739	2534	2336	2142	1953	1769
11	2716	2492	2274	2062	1857	1656
11.5	2693	2446	2209	1979	1757	1540
12	2668	2399	2141	1893	1653	1421
12.5	2641	2349	2070	1803	1546	1299
13	2613	2297	1997	1711	1437	1174
13.5	2584	2243	1921	1616	1325	1047
14	2553	2186	1843	1519	1212	918
14.5	2521	2128	1763	1420	1096	788
15	2487	2067	1680	1319	980	658
15.5	2451	2005	1596	1217	862	214
16	2414	1940	1510	1114	744	--

Notes:

- 1) The maximum axial load (in pounds per linear foot of wall) is based on the normal load duration.
- 2) The lateral load deflection is limited to L/180.
- 3) The tables were developed according to Section 2347 of the 1994 Uniform Building Code and Plywood Design Specification by the American Plywood Association.
- 4) The panel skins are 7/16" thick OSB, which conforms to CAN/CSA O437.0, Grade O-2 or better.
- 5) The panel core is EPS Type 1, with minimum physical properties of: modulus of elasticity $E_c = 180$ psi, shear modulus $G_c = 280$ psi, shear strength = 17 psi.

Maximum Panel Span



4 1/2" Eco-Pan: Transverse Loading				6 1/2" Eco-Pan: Transverse Loading					
Live Load (psf)	Dead Load (psf)	L/240	L/360	L/480	Live Load (psf)	Dead Load (psf)	L/240	L/360	L/480
20	10	6.82	6.82	6.25	20	10	9.19	9.19	8.46
20	15	6.00	6.00	6.00	20	15	8.14	8.14	8.14
20	20	5.39	5.39	5.39	20	20	7.35	7.35	7.35
40	10	5.61	4.98	4.17	40	10	7.64	6.83	5.78
40	15	5.08	4.98	4.17	40	15	6.95	6.83	5.78
40	20	4.64	4.64	4.17	40	20	6.39	6.39	5.78
50	10	5.18	4.34	3.58	50	10	7.08	6.01	5.01
50	15	4.72	4.34	3.58	50	15	6.49	6.01	5.01
50	20	4.34	4.34	3.58	50	20	6.01	6.01	5.01
100	10	3.58	2.64	2.08	100	10	5.01	3.77	3.01
100	15	3.51	2.64	2.08	100	15	4.91	3.77	3.01
100	20	3.29	2.64	2.08	100	20	4.63	3.77	3.01

Notes:

- 1) The panel deflection listed above is the instantaneous deflection due to live load. The total (dead plus live load) deflection is limited to L/180.
- 2) The panels should be used in dry service conditions only.
- 3) The tables were developed according to Section 2347 of 1994 Uniform Building Code and Plywood Design Specification by the American Plywood Association.
- 4) The panel skins are 7/16" thick OSB, which conforms to CAN/CSA O437.0, Grade O-2 or better.
- 5) The panel core is EPS Type 1, with minimum physical properties of: modulus of elasticity $E_c = 180$ psi, shear modulus $G_c = 280$ psi, shear strength = 17 psi.

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Maximum Panel Span



8 1/4" Eco-Pan: Transverse Loading				10 1/4" Eco-Pan: Transverse Loading					
Live Load (psf)	Dead Load (psf)	L/240	L/360	L/480	Live Load (psf)	Dead Load (psf)	L/240	L/360	L/480
20	10	11.08	11.08	10.22	20	10	13.08	13.08	12.09
20	15	9.85	9.85	9.85	20	15	11.67	11.67	11.67
20	20	8.92	8.92	8.92	20	20	10.59	10.59	10.59
40	10	9.26	8.31	7.07	40	10	10.99	9.89	8.46
40	15	8.45	8.31	7.07	40	15	10.06	9.89	8.46
40	20	7.79	7.79	7.07	40	20	9.30	9.30	8.46
50	10	8.60	7.34	6.18	50	10	10.23	8.78	7.43
50	15	7.92	7.34	6.18	50	15	9.44	8.78	7.43
50	20	7.34	7.34	6.18	50	20	8.78	8.78	7.43
100	10	6.18	4.70	3.78	100	10	7.43	5.71	4.63
100	15	6.06	4.70	3.78	100	15	7.29	5.71	4.63
100	20	5.73	4.70	3.78	100	20	6.91	5.71	4.63

Notes:

- 1) The panel deflection listed above is the instantaneous deflection due to live load. The total (dead plus live load) deflection is limited to L/180.
- 2) The panels should be used in dry service conditions only.
- 3) The tables were developed according to Section 2347 of 1994 Uniform Building Code and Plywood Design Specification by the American Plywood Association.
- 4) The panel skins are 7/16" thick OSB, which conforms to CAN/CSA O437.0, Grade O-2 or better.
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