

	4 3/8 inch Panel		30272.7	7 7/8 inch panel	
	Feet	Inches		Feet	Inches
Height of Panel	8	0		8	0
Length of panel	16	0		6	0
Total Weight	1159.5			797.3	

Density of CAF Board 16

	16 lbs.	30	Single	Double
Density of straw	16 lbs.			
Weight per sq ft of single CAF board	4.7 lbs.		597.33	448
Profile board weight / linear foot	7 lbs.		168	196
Weight of OSB / square foot	1.5 lbs.		384	144
Adhesive / sq. ft / layer	22 grams		10.2	9.3

7 7/8 inch panel  
Feet Inches

Height of Panel	8	0
Length of panel	12	0
Total Weight	1424.9	

Density of CAF Board 15

**Weight of Panels**Average density of straw 15lb/ft<sup>3</sup>

8" panel

Density of straw	16 lbs.
Weight per sq inch of single CAF board	0.0324lbs.
Profile board weight / linear foot	7 lbs.
Weight of OSB / square foot	1.5lbs.
Adhesive / sq. ft / layer	22 grams

Length (ft)	Height (ft)	Weight of Straw (lbs)	Weight of Profile Board	Weight of OSB	Weight of adhesive	Total Weight of finished panel
4	8	237	161	96	6.3	<b>499.8</b>
5	8	306	175	120	7.9	<b>608.6</b>
6	8	375	196	144	9.4	<b>724.4</b>
7	8	444	203	168	11.0	<b>826.2</b>
8	8	513	210	192	12.6	<b>928.0</b>
9	8	583	224	216	14.1	<b>1036.8</b>
10	8	652	238	240	15.7	<b>1145.6</b>
11	8	721	252	264	17.3	<b>1254.4</b>
12	8	790	266	288	18.9	<b>1363.1</b>
13	8	860	280	312	20.4	<b>1471.9</b>
14	8	929	294	336	22.0	<b>1580.7</b>
15	8	998	308	360	23.6	<b>1689.5</b>
16	8	1067	322	384	25.1	<b>1798.3</b>
17	8	1136	336	408	26.7	<b>1907.1</b>
18	8	1206	350	432	28.3	<b>2015.9</b>
19	8	1275	364	456	29.9	<b>2124.7</b>
20	8	1344	378	480	31.4	<b>2233.5</b>
21	8	1413	392	504	33.0	<b>2342.3</b>
22	8	1483	406	528	34.6	<b>2451.1</b>
23	8	1552	420	552	36.1	<b>2559.9</b>
24	8	1621	434	576	37.7	<b>2668.7</b>

**Weight of Panels 8' tall Average density of straw 15lb/ft<sup>3</sup> 4" panel**

Density of straw	15 lbs.
Weight per sq ft of single CAF board	4.38lbs.
Profile board weight / linear foot	3.5lbs.
Weight of OSB / square foot	1.5lbs.
Adhesive / sq. ft / layer	20 grams

Length (ft)	Height (ft)	Weight of Straw (lbs)	Weight of Profile Board	Weight of OSB	Weight of adhesive	Total Weight of finished panel
4	8	140	84	96	4.3	<b>324.3</b>
5	8	175	91	120	5.4	<b>391.4</b>
6	8	210	98	144	6.4	<b>458.4</b>
7	8	245	105	168	7.5	<b>525.5</b>
8	8	280	112	192	8.6	<b>592.6</b>
9	8	315	119	216	9.6	<b>659.6</b>
10	8	350	126	240	10.7	<b>726.7</b>
11	8	385	133	264	11.8	<b>793.8</b>
12	8	420	140	288	12.9	<b>860.9</b>
13	8	455	147	312	13.9	<b>927.9</b>
14	8	490	154	336	15.0	<b>995.0</b>
15	8	525	161	360	16.1	<b>1062.1</b>
16	8	560	168	384	17.1	<b>1129.1</b>
17	8	595	175	408	18.2	<b>1196.2</b>
18	8	630	182	432	19.3	<b>1263.3</b>
19	8	665	189	456	20.4	<b>1330.4</b>
20	8	700	196	480	21.4	<b>1397.4</b>
21	8	735	203	504	22.5	<b>1464.5</b>
22	8	770	210	528	23.6	<b>1531.6</b>
23	8	805	217	552	24.6	<b>1598.6</b>
24	8	840	224	576	25.7	<b>1665.7</b>
1	8					73

Safe room panel  
Feet Inches

Height of Panel	8
Length of panel	4
Total Weight	591.1

Density of CAF Board 15