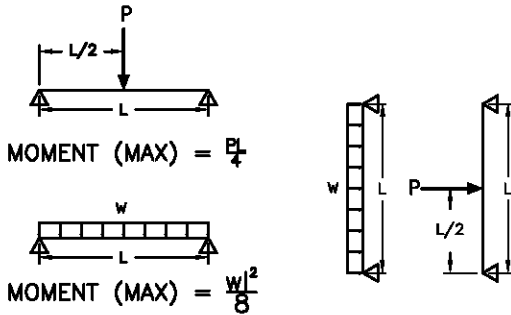


Trac Beam Technical Sheet
FL7350



2x7 TRAC SELF-MATING BEAM			
L-SPAN (Ft)	ALLOWABLE LOAD-P (lbs)	ALLOWABLE UNIFORM LOAD-w (plf)	DEFLECTION @ ALLOWABLE LOAD (Inches)
10	1390.9	278	0.41
11	1332.9	242	0.54
12	1274.9	212	0.67
13	1216.9	187	0.81
14	1158.9	166	0.94
15	1100.9	147	1.07
16	1042.9	130	1.21
17	984.9	116	1.34
18	927.0	103	1.47
19	869.0	91	1.60
20	811.0	81	1.74
21	753.0	72	1.87
22	695.0	63	2.00
23	637.0	55	2.13
24	579.0	48	2.27
25	521.1	42	2.40
26	511.6	39	2.65
27	502.1	37	2.90
28	492.6	35	3.15
29	483.1	33	3.40
30	473.6	32	3.65
31	464.1	30	3.90
32	454.6	28	4.15
33	445.2	27	4.40
34	435.7	26	4.65
35	426.2	24	4.90
36	416.7	23	5.15
37	407.2	22	5.40
38	397.7	21	5.65
39	388.2	20	5.90
40	378.7	19	6.15

2x5 TRAC SELF-MATING BEAM			
L-SPAN (Ft)	ALLOWABLE LOAD-P (lbs)	ALLOWABLE UNIFORM LOAD-w (plf)	DEFLECTION @ ALLOWABLE LOAD (Inches)
10	1037.0	207	0.68
11	970.5	176	0.90
12	903.9	151	1.12
13	837.4	129	1.34
13.67	792.8	116	1.49
14	781.9	112	1.57
15	748.7	100	1.82
16	715.6	89	2.07
17	682.4	80	2.32
18	649.3	72	2.57
19	616.2	65	2.82
20	583.0	58	3.07
21	549.9	52	3.31
22	516.7	47	3.56
23	483.6	42	3.81
24	450.4	38	4.06
25	417.3	33	4.31

2x5 TRAC BEAM (ROOF BEAM SPAN)					
BEAM TO BEAM SPACING (Ft)	110 mph	120 mph	130 mph	140 mph	150 mph
5' O.C.	> 25'	> 25'	> 25'	> 25'	24.79'
6' O.C.	> 25'	> 25'	> 25'	24.66'	23.86'
7' O.C.	> 25'	> 25'	24.79'	23.86'	22.93'
8' O.C.	> 25'	> 25'	24.13'	23.06'	22'

2x7 TRAC BEAM (ROOF BEAM SPAN)					
BEAM TO BEAM SPACING (Ft)	110 mph	120 mph	130 mph	140 mph	150 mph
5' O.C.	39.32'	39.32	36.03'	32.73'	29.45'
6' O.C.	36.68'	36.68	32.73'	28.8'	24.99'
7' O.C.	34.05'	34.05	29.45'	24.98'	24.55'
8' O.C.	31.42'	31.42	26.16'	24.61'	24.11'

2x5 TRAC BEAM (COLUMN HEIGHT)					
BEAM TO BEAM SPACING (Ft)	110 mph	120 mph	130 mph	140 mph	150 mph
5' O.C.	20.81'	19.47'	17.48'	15.47'	13.83'
6' O.C.	19.07'	17.48'	15.07'	13.57'	12.78'
7' O.C.	17.34'	15.48'	13.57'	12.65'	11.74'
8' O.C.	15.61'	13.83'	12.78'	11.73'	10.69'

2x7 TRAC BEAM (COLUMN HEIGHT)					
BEAM TO BEAM SPACING (Ft)	110 mph	120 mph	130 mph	140 mph	150 mph
5' O.C.	23.54'	22.92'	21.98'	21.03'	20.09'
6' O.C.	22.72'	21.97'	20.84'	19.71'	18.58'
7' O.C.	21.91'	21.03'	19.70'	18.39'	17.08'
8' O.C.	21.10'	20.09'	18.58'	17.08'	15.58'

General Notes:

1. Refer to Florida Product Approval #FL7350 for project specific requirements to be used by design professional.
2. Drawings are illustrative purposes only.
3. Loads in tables are allowable working loads and may be used without any additional reductions.
4. Allowable point loads and deflections are converted to allowable uniform loads and deflections using analytic and comparative analysis.
5. Allowable spans tables are based on 2004 Florida Building Code with 2006 Updates. Wind loads are based on Chapter 20 and Table 2004.4.
6. Design professional shall provide site specific drawings for each project utilizing this product information.
7. Maximum allowable deflections limits of L/60 shall be considered by design professional. L/80 in HVHZ.