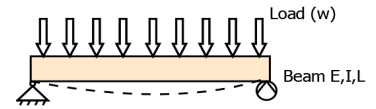




**F16 MPP Column Loading Table
(Axial Loads Only) in kips**



Lay-up	Width and Depth			Column Height (ft)										
	ID	(in)	4	8	12	16	20	24	28	32	36	40	44	48
F16-2	2.04	4	1	0	0	0	0	0	0	0	0	0	0	0
F16-3	3.06	17	6	2	0	0	0	0	0	0	0	0	0	0
F16-4	4.08	36	17	8	4	0	0	0	0	0	0	0	0	0
F16-5	5.10	59	38	19	11	7	0	0	0	0	0	0	0	0
F16-6	6.12	87	69	38	22	14	10	0	0	0	0	0	0	0
F16-7	7.14	120	105	67	40	26	18	14	0	0	0	0	0	0
F16-8	8.16	157	145	106	67	44	31	23	18	0	0	0	0	0
F16-9	9.18	200	189	154	104	70	50	37	28	22	0	0	0	0
F16-10	10.20	247	238	208	152	105	75	56	43	34	28	0	0	0
F16-11	11.22	300	291	265	209	150	108	81	63	50	40	34	0	0
F16-12	12.24	357	349	326	275	205	151	113	88	70	57	47	40	0
F16-13	13.26	420	411	391	345	271	204	155	120	96	78	65	55	0
F16-14	14.28	487	479	461	420	347	267	205	161	128	105	87	74	0
F16-15	15.30	560	552	534	498	429	341	266	209	168	138	114	97	0
F16-16	16.32	637	629	613	580	517	426	337	268	216	177	147	125	0
F16-17	17.34	719	712	696	666	609	518	420	337	273	224	187	158	0
F16-18	18.36	807	799	784	756	704	618	512	416	339	280	234	198	0
F16-19	19.38	899	892	877	851	803	723	614	506	416	344	288	245	0
F16-20	20.40	997	989	975	950	906	832	724	607	503	419	352	299	0
F16-21	21.42	1099	1092	1078	1054	1013	945	841	718	601	503	424	361	0
F16-22	22.44	1206	1199	1186	1163	1124	1061	963	837	710	598	506	432	0
F16-23	23.46	1319	1311	1298	1276	1240	1181	1089	965	829	704	599	512	0
F16-24	24.48	1436	1429	1416	1394	1360	1305	1219	1099	958	821	702	603	0

Column Table Notes:

For use in dry condition.

$P_r = F_c A_{parallel} C_D C_M C_T C_P$. Where slenderness ratio exceeds 50 to 1, no value is given.

C_D , C_M and C_T are assumed to be 1.

Table for preliminary analysis only.

Table does not account for eccentric axial loading nor wind loads.

Major force direction is parallel to column height.

For different loading conditions, consult with Freres Lumber Co., Inc. Technical Support.

Looking for more information? Contact us at frereslumber.com