



F16 MASS PLY WALL LOADING TABLE (AXIAL LOADS ONLY) IN KIPS

LAY-UP	TH*	WALL HEIGHT (FT)																							
		2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
F16-2	2.04	52.9	29.1	14.5	8.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F16-3	3.06	83.6	68.3	41.6	25.5	16.9	12.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F16-4	4.08	113.3	104.9	82.2	55.9	38.5	27.7	20.7	16.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F16-5	5.10	142.7	137.2	122.6	96.0	70.1	51.7	39.3	30.7	24.6	20.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--
F16-6	6.12	171.7	167.5	157.7	137.4	109.2	83.8	65.0	51.3	41.4	34.0	28.4	24.0	--	--	--	--	--	--	--	--	--	--	--	--
F16-7	7.14	200.4	196.9	189.4	174.7	150.3	122.0	97.4	78.2	63.7	52.7	44.2	37.6	32.3	28.0	--	--	--	--	--	--	--	--	--	--
F16-8	8.16	229.1	226.1	220.1	209.0	189.9	163.2	135.2	111.0	91.6	76.4	64.5	55.0	47.4	41.3	36.2	32.0	28.5	--	--	--	--	--	--	--
F16-9	9.18	258.0	255.4	250.5	241.7	227.0	204.5	176.6	148.9	124.9	105.3	89.4	76.7	66.3	57.9	50.9	45.1	40.2	36.0	32.5	--	--	--	--	--
F16-10	10.20	286.9	284.6	280.4	273.2	261.5	243.3	218.4	189.9	162.6	138.9	119.0	102.6	89.2	78.1	68.8	61.1	54.5	48.9	44.2	40.0	36.5	--	--	--
F16-11	11.22	322.1	320.5	317.7	313.1	305.8	294.4	276.8	251.7	221.6	191.5	164.6	141.8	122.9	107.3	94.3	83.4	74.3	66.5	59.9	54.2	49.3	45.0	41.3	--
F16-12	12.24	344.6	342.8	339.4	334.1	326.0	313.9	296.4	273.0	245.3	216.8	190.2	166.7	146.5	129.4	114.8	102.3	91.7	82.6	74.7	67.9	61.9	56.7	52.1	48.0

* Thickness of MPP wall panel

WALL 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 lateral loads (wind and seismic).
- ◆ Major force direction is parallel to wall height.
- ◆ Tables do not substitute for the work of a design professional.
- ◆ For different loading conditions, consult with Freres technical support.

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