



F10 MASS PLY MAXIMUM SPAN ROOF TABLE - MAJOR FORCE DIRECTION

		SNOW LOAD, UNFACTORED															125% NON-SNOW LOAD		
LAY-UP	THICKNESS	20 PSF LIVE LOAD			30 PSF LIVE LOAD			40 PSF LIVE LOAD			55 PSF LIVE LOAD			100 PSF LIVE LOAD			20 PSF LIVE LOAD		
ID	(IN)	L/360	L/240	L/180	360	240	180	360	240	180	360	240	180	360	240	180	360	240	180
F10-2	2-1/16	7.28	8.02	9.19	6.76	7.45	8.54	6.36	7.01	8.04	5.74	6.51	7.27	4.68	5.38	5.93	7.28	8.02	9.19
F10-3	3-1/16	10.70	11.79	13.52	9.98	11.01	12.62	9.43	10.39	11.92	8.66	9.68	10.96	7.05	8.11	8.94	10.70	11.79	13.52
F10-4	4-1/16	13.84	15.25	17.49	12.97	14.30	16.40	12.28	13.54	15.53	11.46	12.64	14.50	9.33	10.73	11.84	13.84	15.25	17.49
F10-5	5-1/8	16.96	18.70	21.44	15.95	17.59	20.18	15.14	16.70	19.16	14.18	15.64	17.95	11.69	13.44	14.83	16.96	18.70	21.44
F10-6	6-1/8	19.95	21.99	25.22	18.82	20.75	23.80	17.90	19.75	22.66	16.80	18.54	21.28	14.02	16.11	17.79	19.95	21.99	25.22
F10-7	7-1/8	22.81	25.15	28.85	21.58	23.80	27.31	20.58	22.70	26.05	19.36	21.36	24.52	16.35	18.64	20.74	22.81	25.15	28.85
F10-8	8-3/16	25.61	28.23	32.38	24.29	26.79	30.74	23.21	25.60	29.38	21.88	24.14	27.71	18.68	21.14	23.71	25.61	28.23	32.38
F10-9	9-3/16	28.32	31.23	35.83	26.93	29.71	34.08	25.78	28.44	32.63	24.35	26.87	30.85	21.03	23.61	26.68	28.32	31.23	35.83
F10-10	10-3/16	30.95	34.13	39.15	29.50	32.53	37.33	28.28	31.90	35.80	26.76	29.53	33.90	23.36	26.03	29.64	30.95	34.13	39.15
F10-11	11-1/4	33.52	36.97	42.41	32.01	35.31	40.52	30.74	33.91	38.92	29.14	32.16	36.92	25.70	28.43	32.60	33.52	36.97	42.41
F10-12	12-1/4	36.02	39.73	45.58	34.46	38.02	43.62	33.14	36.56	41.96	31.47	34.73	39.87	27.89	30.80	35.38	36.02	39.73	45.58

ROOF TABLE NOTES:

- ◆ Single Span, uniform load.
- ◆ Total loads include live load, Mass Ply weight, and 15 PSF dead load.
- ◆ Deflection limits are for live loads, Total load deflection limits for live load deflection of L/360, L/240, and L/180 are respectively L/240, L/180, and L/120
- ◆ Tables do not substitute for the work of a design professional.

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