



**PL42-MF, HE42-MF Through Fastened
Wall Load Span Table (PSF)**

Panel Thickness	Panel Weight	Connection Type	Single Span										
			5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"
4"	4.80	(3) fasteners	51	43	37	32	29	26	23	21	20	18	17
		(4) fasteners	69	57	49	43	38	34	31	28	24	21	18
6"	6.30	(3) fasteners	54	45	39	34	30	27	25	23	21	19	18
		(4) fasteners	72	60	51	45	40	36	33	30	28	26	24
8"	7.80	(3) fasteners	57	47	40	35	31	28	26	24	22	20	19
		(4) fasteners	75	63	54	47	42	38	34	31	29	27	25

Panel Thickness	Panel Weight	Connection Type	Multiple Span										
			5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"
4"	4.80	(3) fasteners	49	41	35	31	27	24	22	20	19	17	16
		(4) fasteners	65	54	47	41	36	33	30	27	25	23	22
6"	6.30	(3) fasteners	51	43	37	32	29	26	23	21	20	18	17
		(4) fasteners	68	57	49	43	38	34	31	29	26	24	23
8"	7.80	(3) fasteners	54	45	39	34	30	27	25	22	21	19	18
		(4) fasteners	72	60	51	45	40	36	33	30	28	26	24

Notes:

1. Table applies to PL42-MF and HE42-MF *through fastened* applications.
2. Spans shown are based on transverse load testing per ASTM-E72 and strength of fastening patterns.
3. Spans calculated with 26 gauge exterior and interior facings.
4. Connection is based on (3) or (4) through fasteners with 1 1/8" diameter washers across panel width. See details for fastener placement across panel.
5. Deflection Limit: L/240
6. Safety factor = 2.0
7. Structural capacity of girts have not been considered.
8. Thermal effect due to temperature differentials have not been considered.
9. Consult your AWIP representative for project specific requirements.