

Partition Wall Span Table

Engineering Technical Bulletin



PRODUCT

- ▶ **IMP Series:** Insulated Metal Wall Panel
- ▶ **Profiles:** Corr-Lok, Design-Lok, Max-Lok, Mesa-Lok, Shadow-Lok
- ▶ **Width:** 45-inch max.
- ▶ **Thickness:** 2-inch min.
- ▶ **Gauge:** 26-gauge min. (facer and liner)
- ▶ **Finish:** embossed or smooth

PARTITION WALL SPAN TABLE

PANEL THICKNESS (IN.)	ALLOWABLE SIMPLE SPAN (FT)							
	$\Delta T = 0^\circ F$	$\Delta T = 15^\circ F$	$\Delta T = 30^\circ F$	$\Delta T = 45^\circ F$	$\Delta T = 60^\circ F$	$\Delta T = 75^\circ F$	$\Delta T = 90^\circ F$	$\Delta T = 105^\circ F$
2.0	20.80	19.33	17.89	16.51	15.20	13.97	12.85	11.83
2.5	23.34	22.71	21.13	19.61	18.16	16.79	15.52	14.36
3.0	26.39	26.02	24.32	22.68	21.10	19.60	18.19	16.89
4.0	32.23	31.99	30.09	28.25	26.46	24.75	23.12	21.61
5.0	38.80	37.46	35.40	33.39	31.43	29.54	27.74	26.03
6.0	44.70	42.56	40.39	38.20	36.10	34.06	32.11	30.25
8.0	54.38	51.10	47.87	44.73	41.70	38.81	36.10	33.58

NOTES

1. Spans are based on a 5-psf allowable uniform load (code specified for interior partitions).
2. Deflection criteria: $L/120$.
3. Panel fastening must be designed separately. Minimum bearing: 2".

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