



ISOLEREN TECHNICAL BULLETIN: PARTITION SPAN TABLE

PRODUCT:

Isoleren Insulated Metal Wall Panels
Isoleren Profiles: ML, SL, WL, IM
Width: 42" max.
Thickness: 2" min.
Gauge: 26-gauge min. (facer and liner)
Finish: Embossed or Smooth

PARTITION WALL SPAN TABLE:

Panel Thickness (in)	Allowable Simple Spant (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	35.40	31.43	29.54	27.74	26.03
6.0	44.70	42.56	40.36	38.20	36.10	34.06	32.11	30.25

PARTITION WALL SPAN TABLE 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".