

PANEL THICKNESS	SPAN CONDITION	DESIGN LOAD IN PSF					
		20 PSF	25 PSF	30 PSF	35 PSF	40 PSF	45 PSF
2"	single span	7'-2"	6'-7"	6'-1"	5'-8"	5'-3"	5'-0"
	double span	9'-8"	8'-6"	7'-6"	6'-6"	5'-8"	5'-1"
	multiple span	9'-4"	8'-4"	7'-6"	6'-10"	6'-4"	5'-10"
3"	single span	9'-7"	8'-8"	7'-11"	7'-4"	6'-6"	5'-9"
	double span	11'-1"	8'-10"	7'-6"	6'-6"	5'-10"	5'-3"
	multiple span	12'-1"	10'-8"	8'-10"	7'-7"	6'-7"	5'-10"
4"	single span	12'-2"	11'-1"	9'-10"	8'-5"	7'-5"	6'-7"
	double span	10'-7"	8'-7"	7'-4"	6'-5"	5'-9"	5'-2"
	multiple span	13'-3"	10'-5"	8'-7"	7'-4"	6'-5"	5'-9"
5"	single span	14'-8"	13'-4"	11'-9"	10'-1"	8'-10"	7'-10"
	double span	10'-4"	8'-5"	7'-2"	6'-4"	5'-8"	5'-2"
	multiple span	12'-11"	10'-2"	8'-5"	7'-2"	6'-4"	5'-8"
6"	single span	17'-0"	15'-6"	13'-7"	11'-8"	10'-2"	9'-1"
	double span	10'-0"	8'-3"	7'-1"	6'-3"	5'-8"	5'-2"
	multiple span	12'-7"	9'-11"	8'-3"	7'-1"	6'-2"	5'-7"

CONDITIONS:

Panel Series: KingZip
 Design Parameter: Wind Load
 Fastening Method: Concealed Fastener only
 Facia Material: 24 Ga. Galvanized Steel
 Liner Material: 26 Ga. Galvanized Steel
 Deflection Limit: L/240
 Thermal Load: 50°F* (120F/70L)

NOTES TO TABLE:

- 1) Values derived from full-scale tests conducted in accordance with ASTM E72 by an independent certified test lab.
- 2) *Thermal Load is the difference in temperature between the liner and face elements.
- 3) Due to the effects of solar heat gain on thermal stresses, use only light colors in cold storage applications.
- 4) The structural capacity of supporting members is not considered and should be reviewed independently.

