

# Insulated Panel Load Span Data

Notes:

- 1) Spans shown are based on deflection and connection strength derived from ASTM E-72 testing. Thermal effect due to temperature differentials have not been considered. Consult AWIP for project requirements.
- 2) Connection pattern assumes one 1/4"-14 self tapping fastener at each rib and at each minimum 16 ga support.
- 3) Allowable deflection is L/240.
- 4) 3" thickness is available on SR series only.

## All Weather Insulated Panels

Thickness (IN)	Number of spans	Panel Weight (PSF)	ALLOWABLE LOAD FOR SR2 26/26 ROOF PANEL (PSF)						
			SPAN (FT)						
			5.0	6.0	7.0	8.0	9.0	10.0	11.0
3 ¼ "	Simple	2.43	63	49	43	35	25	21	16
	Multiple		84	61	47	40	31	26	21
4"	Simple	2.65	88	72	61	51	39	30	24
	Multiple		102	83	69	57	45	38	33
5"	Simple	2.86	113	95	77	68	54	40	32
	Multiple		120	105	91	74	60	52	45
6"	Simple	3.04	138	116	95	86	68	49	43
	Multiple		143	127	113	95	76	68	58

Thickness (IN)	Number of spans	Panel Weight (PSF)	ALLOWABLE LOAD FOR SR3 26/26 ROOF PANEL (PSF)						
			SPAN (FT)						
			5.0	6.0	7.0	8.0	9.0	10.0	11.0
3 ¼ "	Simple	2.43	70	59	51	42	33	28	21
	Multiple		91	72	57	48	38	31	25
4"	Simple	2.65	95	79	68	59	47	38	32
	Multiple		109	91	76	65	53	45	41
5"	Simple	2.86	120	102	85	76	61	47	41
	Multiple		128	112	98	83	68	60	53
6"	Simple	3.04	145	123	102	93	75	56	50
	Multiple		150	133	120	102	83	75	65



ALL WEATHER INSULATED PANELS