

All Weather Insulated Panels

Thickness (IN)	Number of spans	Panel Weight (PSF)	ALLOWABLE LOAD FOR HR3/CR3 26/26 ROOF PANEL (PSF)						
			SPAN (FT)						
			5.0	6.0	7.0	8.0	9.0	10.0	11.0
2.5"	Simple	2.33	56	49	39	30	25	20	17
	Multiple		63	54	44	36	31	26	23
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

Thickness (IN)	Number of spans	Panel Weight (PSF)	ALLOWABLE LOAD FOR HR5 26/26 ROOF PANEL (PSF)										
			SPAN (FT)										
			5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0
2.5"	Simple	2.33	81	65	54	44	40	33	26	20	16		
	Multiple		84	70	58	49	44	38	34	28	22		
4"	Simple	2.65	126	101	85	72	61	53	46	41	36	32	27
	Multiple		128	107	88	77	67	59	53	47	42	39	35
5"	Simple	2.86	157	128	97	90	78	67	58	51	45	41	37
	Multiple		161	131	102	96	84	73	65	59	53	48	44

- 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 your AWIP sales representative 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.