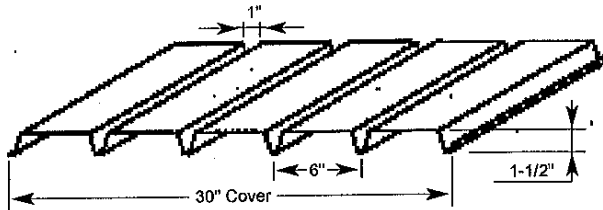


1-1/2" Narrow Rib Roof Deck - Type A



Section Properties (per ft. of width)

Gage	t in	Sp in ³	Sn in ³	Ip in ⁴	In in ⁴	Wt. (psf)	
						Galv.	Pld.
22	0.0295	0.113	0.124	0.117	0.138	1.8	1.7
20	0.0358	0.140	0.150	0.152	0.168	2.2	2.0
18	0.0474	0.192	0.198	0.217	0.223	2.8	2.7

Allowable Uniform Total Loads - psf

Fy= 33 ksi

Number of Spans	Type	Span - Feet & Inches										
		4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"
1 Span	22	93	73	60	49	41	35	30				
	20	116	91	74	61	51	44	38	33			
	18	158	125	101	84	70	60	51	44	38	33	
2 Span	22	102	80	65	54	45	38	33				
	20	122	97	79	65	55	47	40	35	31		
	18	162	128	104	86	72	62	53	46	41	36	32
3 Span	22	125	99	81	67	56	48	41	36	32		
	20	152	121	98	81	68	58	50	44	38	34	30
	18	201	159	129	107	90	77	66	58	51	45	40

EM Approval

Wheeling 1-1/2" Roof Decks are Factory Mutual Approved for Class 1 and Class 2 fire rated insulated assemblies and 1-60 through 1-90 Windstorm classification. For installation guidelines, consult FM Data Sheet 1-28.

FM ALLOWABLE SPANS			
Deck Profile	Design Thickness		
	.0295	.0358	.0474
Type A Narrow Rib	4'-10"	5'-3"	6'-0"
Type F36 Intermediate Rib	4'-11"	5'-5"	6'-3"
Type BW36 Wide Rib	6'-0"	6'-6"	7'-5"