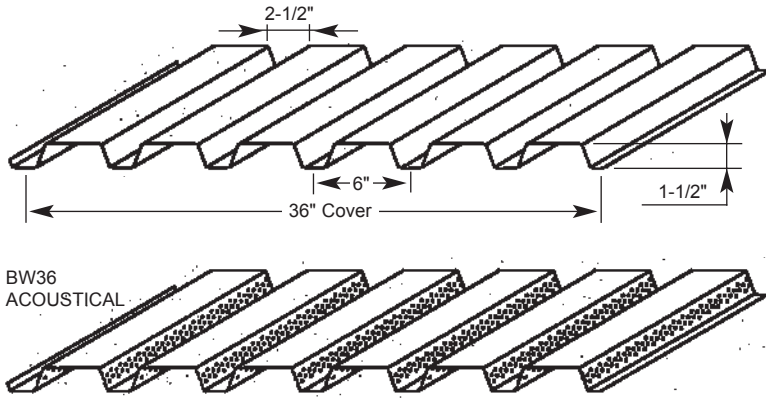


1-1/2" Wide Rib Roof Deck – Type BW36



Section Properties (per ft. of width)

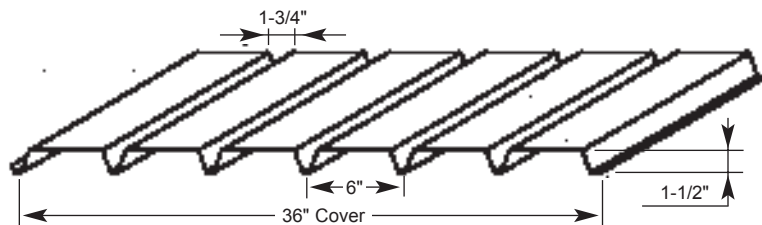
Gage	t in	Sp in ³	Sn in ³	Ip in ⁴	In in ⁴	Wt. (psf)	
						Galv.	Ptd.
22	0.0295	0.181	0.191	0.157	0.183	1.8	1.7
20	0.0358	0.224	0.234	0.203	0.222	2.2	2.1
18	0.0474	0.304	0.312	0.291	0.295	2.9	2.8
16	0.0600	0.391	0.394	0.374	0.374	3.6	3.5

Allowable Uniform Total Loads - psf

Fy= 33 ksi

Number of Spans	Type	Span - Feet & Inches										
		5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"
1 Span	22	92	72	58	47	40	34	30				
	20	116	90	72	58	49	42	36	32			
	18	162	125	98	79	66	55	47	41	36	32	
	16	206	157	123	99	81	68	58	50	44	39	35
2 Span	22	100	82	69	59	51	45	39	35	31		
	20	122	101	85	73	63	55	48	43	38	34	31
	18	163	135	113	97	84	73	64	57	51	45	41
	16	205	170	143	122	105	92	81	72	64	57	52
3 Span	22	124	103	86	74	64	56	49	43	39	35	31
	20	152	126	106	91	78	68	60	53	46	41	36
	18	202	168	141	121	104	91	80	69	60	52	46
	16	255	211	178	152	131	115	101	85	74	64	56

1-1/2" Intermediate Rib Roof Deck – Type F36



Section Properties (per ft. of width)

Gage	t in	Sp in ³	Sn in ³	Ip in ⁴	In in ⁴	Wt. (psf)	
						Galv.	Ptd.
22	0.0295	0.120	0.131	0.121	0.140	1.8	1.7
20	0.0358	0.150	0.160	0.156	0.171	2.2	2.1
18	0.0474	0.204	0.211	0.223	0.227	2.9	2.8

Allowable Uniform Total Loads - psf

Fy= 33 ksi

Number of Spans	Type	Span - Feet & Inches										
		5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"
1 Span	22	63	52	44	38	32						
	20	79	65	55	47	40	35	31				
	18	108	89	75	63	53	45	38	34	30		
2 Span	22	69	57	48	41	35	31					
	20	84	69	58	50	43	37	33				
	18	111	92	77	66	57	49	43	38	34	31	
3 Span	22	86	71	60	51	44	38	34	30			
	20	105	86	73	62	54	47	41	36	32		
	18	138	114	96	82	71	62	54	48	43	38	35