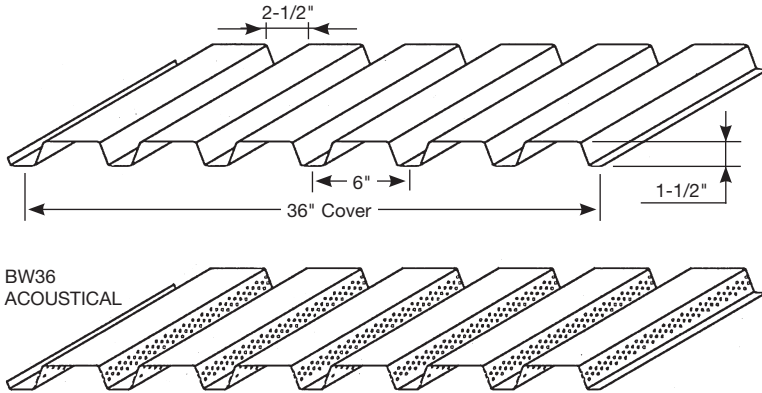


# 1-1/2" Wide Rib Roof Deck - Type BW36



## Wheeling Roof Deck



### Section Properties (per ft. of width)

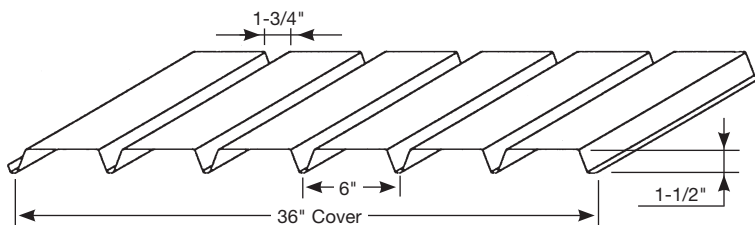
Gage	t in	Sp in <sup>3</sup>	Sn in <sup>3</sup>	Ip in <sup>4</sup>	In in <sup>4</sup>	Wt. (psf)	
						Galv.	Ptd.
22	0.0295	0.181	0.191	0.157	0.183	1.8	1.7
20	0.0358	0.224	0.234	0.203	0.222	2.2	2.1
18	0.0474	0.304	0.312	0.291	0.295	2.9	2.8
16	0.0600	0.391	0.394	0.374	0.374	3.6	3.5

### 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	27	24	22	20
	20	116	90	72	58	49	42	36	32	28	26	23
	18	161	125	98	79	66	55	47	41	36	32	29
	16	206	157	123	99	81	68	58	50	44	39	35
2 Span	22	100	82	69	59	51	45	39	35	31	28	25
	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 <sup>3</sup>	Sn in <sup>3</sup>	Ip in <sup>4</sup>	In in <sup>4</sup>	Wt. (psf)	
						Galv.	Ptd.
22	0.0295	0.121	0.131	0.125	0.143	1.8	1.7
20	0.0358	0.150	0.160	0.161	0.174	2.2	2.1
18	0.0474	0.205	0.211	0.229	0.232	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	64	53	44	38	33	28	25	22	20		
	20	79	66	55	47	40	35	31	27	24	22	20
	18	108	89	75	64	54	46	39	34	31	28	25
2 Span	22	69	57	48	41	35	31	27	24	21		
	20	84	69	58	50	43	37	33	29	26	23	21
	18	111	91	77	66	57	49	43	38	34	31	28
3 Span	22	86	71	60	51	44	38	34	30	27	24	22
	20	104	86	73	62	53	47	41	36	32	29	26
	18	138	114	96	82	71	62	54	48	43	38	35