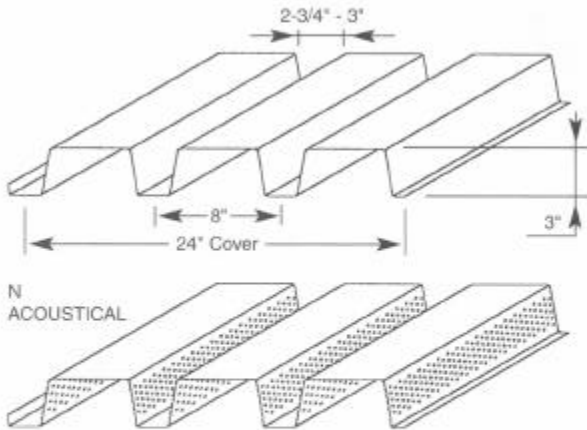


3" Deep Rib Roof Deck - Type N



Section Properties (per ft. of width)

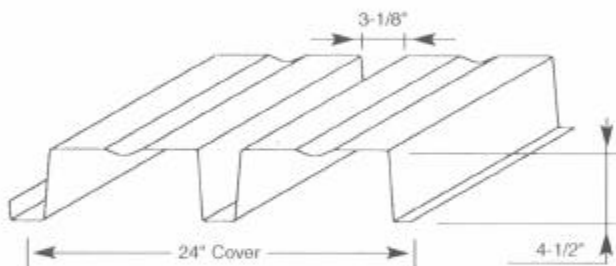
Gage	t in	Sp in ³	Sn in ³	Ip in ⁴	In in ⁴	Wt. (psf)	
						Galv.	Ptd.
22	0.0295	0.390	0.439	0.675	0.834	2.1	2.0
20	0.0358	0.500	0.555	0.870	1.091	2.5	2.4
18	0.0474	0.686	0.745	1.266	1.466	3.3	3.2
16	0.0600	0.891	0.939	1.717	1.828	4.2	4.1

Allowable Uniform Total Loads - psf

Fy= 33 ksi

Number of Spans	Type	Span - Feet & Inches											
		9'-0"	9'-6"	10'-0"	10'-6"	11'-0"	11'-6"	12'-0"	12'-6"	13'-0"	13'-6"	14'-0"	
1 Span	22	64	57	51	47	43	39	36					
	20	81	73	66	59	53	48	43	39	36			
	18	112	100	91	82	72	65	58	53	48	44	40	
	16	145	130	118	106	95	84	75	68	61	56	51	
2 Span	22	69	63	57	52	47	43	40	37	34			
	20	89	80	73	66	60	55	51	47	43	40	37	
	18	120	108	98	89	81	74	68	63	58	54	50	
	16	152	136	123	112	102	93	86	79	73	68	63	
3 Span	22	78	74	70	65	59	54	50	46	42	39	37	
	20	111	100	90	82	75	68	63	58	54	50	46	
	18	150	135	122	111	101	92	85	78	72	67	62	
	16	189	170	153	139	127	116	107	99	91	85	79	

4-1/2" Deep Rib Roof Deck



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.
20	0.0359	0.763	0.654	2.195	2.272	2.7	
19	0.0418	0.898	0.846	2.633	2.640	3.1	
18	0.0478	1.038	0.999	3.082	3.061	3.6	
16	0.0598	1.317	1.294	3.871	3.872	4.4	

Allowable Uniform Total Loads - psf

Fy= 33 ksi

Number of Spans	Type	Single Span - Feet & Inches															
		8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	
1 Span	20	94	83	75	68	63	58	51	45	39	35	31	28	25	23	21	
	19	122	109	98	89	81	70	61	53	46	41	37	33	30	27	25	
	18	155	138	124	113	95	81	70	61	54	47	42	38	34	31	28	
	16	272	215	174	144	121	103	89	77	68	60	54	47	42	37	34	

Table Notes:

The loads shown to the left of the heavy bold lines are governed by bearing stress with a 4" end bearing.