Diamond Rib Reverse Panel - *Section Properties/Load Table (Imperial)*

PAINTED SIDE · 3.5" · 2.5" · .75" · 36" · 6" · 1"
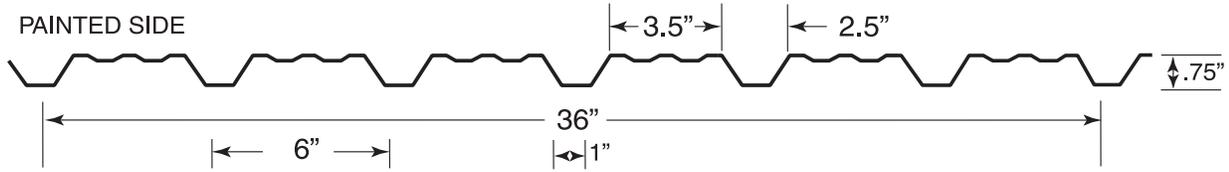
Base Steel Thickness	Weight (psf)	Section Modulus (in³)		Moment of Inertia Mid-span (in⁴)
		Mid-span	Support	
24 Ga (0.024 in)	1.09	0.051	0.071	0.025
26 Ga (0.019 in)	0.87	0.041	0.056	0.020

Load Table		Maximum Specified Uniformly Distributed Loads in psf					
		1-Span		2-Span		3-Span	
Span (ft.)		24 Ga.	26 Ga.	24 Ga.	26 Ga.	24 Ga.	26 Ga.
2'-0"	S	273	218	355	284	337	270
	D	273	219	658	528	658	528
3'-0"	S	121	97	158	126	150	120
	D	81	65	195	156	195	156
3'-6"	S	89	71	116	93	110	88
	D	51	41	123	98	123	98
4'-0"	S	68	55	89	71	84	68
	D	34	27	82	66	82	66
4'-6"	S	54	43	70	56	67	53
	D	24	19	58	46	58	46
5'-0"	S	44	35	57	46	54	43
	D	17	14	42	34	42	34
5'-6"	S	36	29	47	38	45	36
	D	13	11	32	25	32	25
6'-0"	S	30	24	39	32	37	30
	D	10	8	24	20	24	20
6'-6"	S	26	21	34	27	32	26
	D	8	6	19	15	19	15
7'-0"	S	22	18	29	23	28	22
	D	6	5	15	12	15	12
7'-6"	S	19	16	25	20	24	19
	D	5	4	12	10	12	10
8'-0"	S	17	14	22	18	21	17
	D	4	3	10	8	10	8

S = Maximum Load for Strength   **D = Maximum Load for Deflection (span/180)**