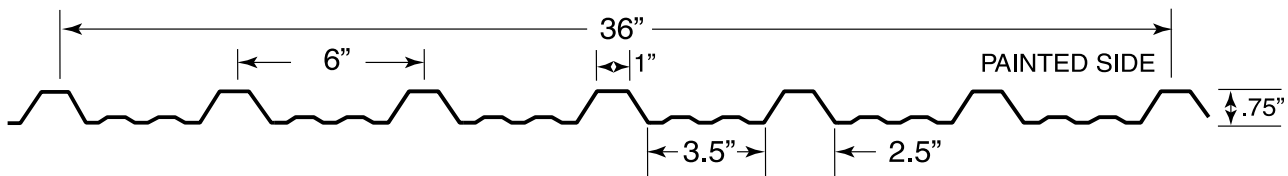


Diamond Rib

Our Diamond Rib is a strong, yet economical panel that can be used for agricultural, industrial and commercial roofing and siding applications. With ribs spaced at 6" on centre and 3/4" in height, this profile offers an exciting aesthetic appearance while maintaining the strength and durability you need. Also works well as a liner panel.

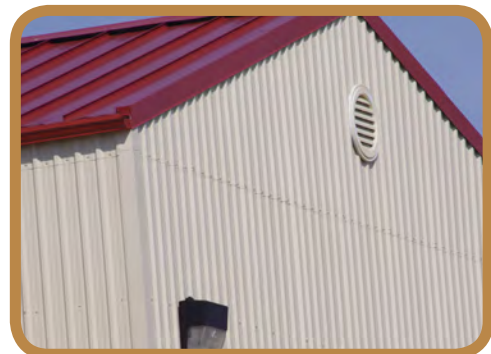


- Available in 26ga, 24ga available on special order
- Custom lengths up to 45'
- Galume and Pre Painted finish available, 26 colours to choose from
- Strong, durable, versatile panel

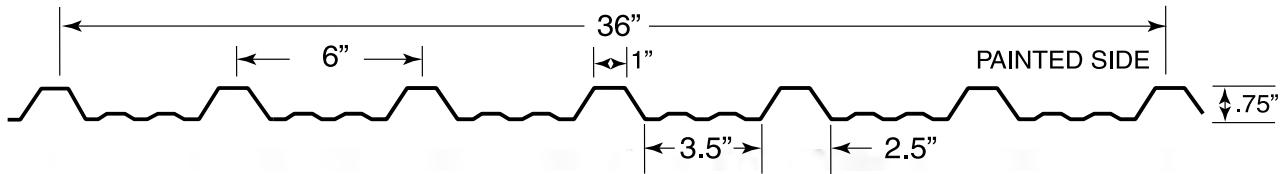


Specification Data

- Exposed Fastener
- 3' to 45' custom lengths
- 36" coverage
- 0.75" trapezoidal ribs on 6" centre
- Snow loads and metal specs on back of page



DIAMOND RIB LOAD TABLE



Base Steel Thickness	Weight (psf)	Section Modulus (in ³)		Moment of Inertia
		Mid-span	Support	Mid-span (in ⁴)
24Ga (0.024 in.)	1.09	0.051	0.030	0.025
26Ga (0.019 in.)	0.87	0.041	0.024	0.020

Load Table		Maximum Specified Uniformly Distributed Loads in psf					
		1-Span		2-Span		3-Span	
Span (ft.)		24Ga.	26Ga.	24Ga.	26Ga.	24Ga.	26Ga.
2'-0"	S	273	218	163	130	174	139
	D	273	219	658	528	658	528
3'-0"	S	121	97	72	58	77	62
	D	81	65	195	156	195	156
3'-6"	S	89	71	53	42	57	45
	D	51	41	123	98	123	98
4'-0"	S	68	55	41	32	43	35
	D	34	27	82	66	82	66
4'-6"	S	54	43	32	26	34	27
	D	24	19	58	46	58	46
5'-0"	S	44	35	26	21	28	22
	D	17	14	42	34	42	34
5'-6"	S	36	29	22	17	23	18
	D	13	11	32	25	32	25
6'-0"	S	30	24	18	14	19	15
	D	10	8	24	20	24	20
6'-6"	S	26	21	15	12	16	13
	D	8	6	19	15	19	15
7'-0"	S	22	18	13	11	14	11
	D	6	5	15	12	15	12
7'-6"	S	19	16	12	9	12	10
	D	5	4	12	10	12	10
8'-0"	S	17	14	10	8	11	9
	D	4	3	10	8	10	8

S = Maximum Load for Strength.

D = Maximum Load For Deflection (span/180)

This Load Table prepared by Inkpen Engineering Ltd. Loads are based on ASTM A792 Grade 50 Steel (Fy=50ksi). Live Load Factor = 1.4

The information contained here is intended as a guideline only. Consult the National Building Code of Canada and/or local codes if more detailed analysis is required.

Web crippling not included in strength values