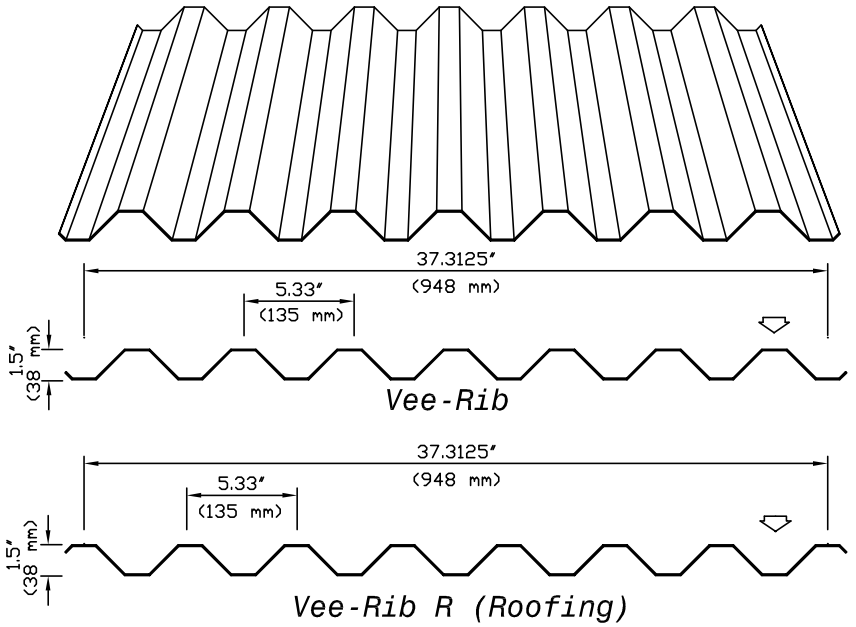
ideal roofing
Company Ltd Manufacturers

Vee-Rib

A symmetrical design combined with strong 1½" (38mm) deep ribs makes the "Vee-Rib" from Ideal Roofing, an attractive choice for use as a siding or roofing profile on commercial and industrial buildings. This rugged and economical panel which covers 37-5/16" (948mm) in width, is roll-formed in lengths up to 40 feet (12.2m).

When ordering the "Vee-Rib", please specify whether this panel is being used as roofing by adding the suffix R; thus designating it "Vee-Rib R" (see profile drawings).



AVAILABLE MATERIALS

Mill finish Galvanized Steel
- (ASTM A-653 SS, grade 33, *Z275* (G-90));
  gauges: 26 (.021"/0.54mm thick),
  24 (.026"/0.66mm thick),
  22 (.032"/0.81mm thick),
  20 (.038"/0.96mm thick).

Mill finish Galvalume Plus Steel
- (ASTM A-792 SS, grade 33, AZ180);
  gauges: 26 (.021"/0.54mm thick),
  24 (.026"/0.66mm thick),
  22 (.032"/0.81mm thick).

Pre-painted Galvanized Steel
- (ASTM A-653 SS, grade 33, Z275 (G-90));
  8000 + Series: see colour chart *1;
  gauges: 26 (.021"/0.54mm thick),
  24 (.026"/0.66mm thick),
  22 (.032"/0.81mm thick).

Minimum Yield Stress	Fy = 33,000.00 P.S.I. (228 Mpa)
Maximum Working Stress	Fb = 20,625.00 P.S.I. (144 Mpa)
Young's Modulus	(E) = 29,500,000.00 P.S.I. (203 Mpa)

*1): Other finishes and gauges are available, contact our office

Total Nominal Thickness (in.)	Core Nominal Thickness (in.)	Section Modulus		Moment of Inertia in-4	Allowable Reaction End (lb)
		Midspan in^3/ft	Support in^3/ft		
0.021	0.018	0.1008	0.1017	0.0834	110
0.026	0.024	0.1462	0.1817	0.1113	233
0.032	0.030	0.1817	0.1462	0.1391	425
0.038	0.036	0.2171	0.1017	0.1668	658

(IMPERIAL)

UNIFORMLY DISTRIBUTED LOADS (pounds/square foot)									
Span Condition	Span (inches)	26 gauge (.021")		24 gauge (.026")		22 gauge (.032")		20 gauge (.038")	
		B	D	B	D	B	D	B	D
SINGLE	48	55	113	117	152	156	189	187	228
	54	49	80	99	107	123	133	147	160
	60	44	59	80	77	100	97	119	116
	66	40	44	66	59	83	73	99	88
	72	37	33	56	45	69	56	83	68
	78	33	27	48	36	59	44	71	53
	84	28	21	41	28	51	36	61	43
	90	25	17	36	23	44	29	53	35
	96	22	15	31	19	39	24	47	28
	102	19	12	28	16	35	20	41	24
	108	17	9	25	13	31	17	37	20
	114	15	8	22	12	28	15	33	17
	120	14	7	20	9	25	12	30	15
DOUBLE	48	52	273	106	365	156	456	187	547
	54	46	192	94	256	123	320	147	384
	60	42	140	80	187	100	233	119	280
	66	38	105	66	140	83	176	99	211
	72	35	81	56	108	69	135	83	161
	78	32	64	48	85	59	107	71	128
	84	29	51	41	68	51	85	61	103
	90	25	41	36	56	44	69	53	83
	96	22	35	31	45	39	57	47	68
	102	19	28	28	39	35	48	41	57
	108	17	24	25	32	31	40	37	48
	114	15	20	22	27	28	35	33	41
	120	14	17	20	24	25	29	30	35
TRIPLE	48	59	215	120	287	195	359	233	431
	54	53	151	107	201	154	252	184	303
	60	47	111	96	147	125	184	149	220
	66	43	83	83	111	103	139	123	165
	72	39	64	70	85	87	107	104	128
	78	36	51	59	67	74	84	88	100
	84	34	40	51	53	64	67	76	80
	90	31	32	45	44	56	55	66	65
	96	27	27	39	36	49	45	58	53
	102	24	23	35	29	43	37	52	45
	108	22	19	31	25	9	32	46	37
	114	19	16	28	21	35	27	41	32
	120	17	13	25	19	31	23	37	28

B = Load reduced for web crippling D = Load capacity based on deflection L/180

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