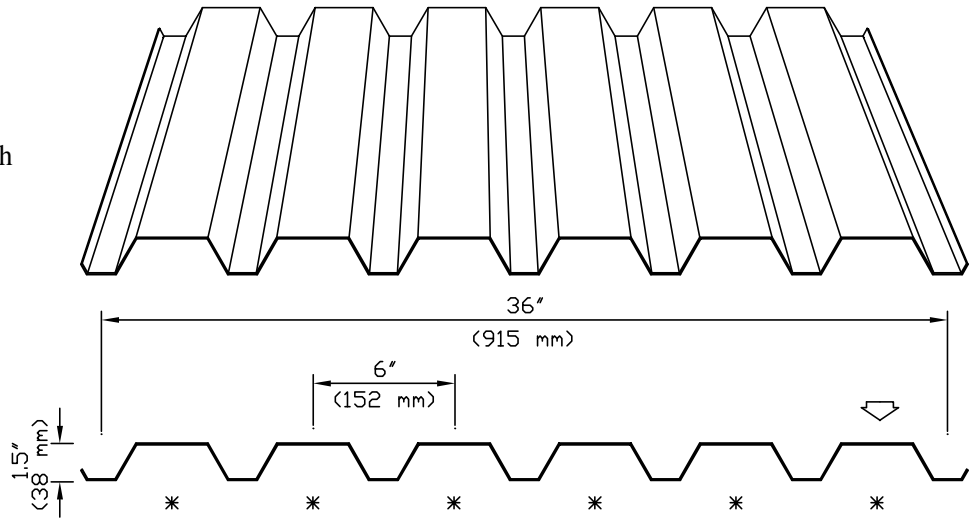


Ideal Roofing's "Industrial-Metro" siding provides a solution for every kind of architectural challenge: industrial, commercial, institutional and governmental. This panel harmonizes with existing designs and is sure to beautify existing buildings or renovation projects. On new projects the "Industrial Metro" will give a sharp high-tech appearance to modern structures.

The "Industrial-Metro" siding has been designed so that screws fastened between the large 1½" (38mm) deep ribs are only barely visible. This siding profile is roll-formed in panels covering 36" (915mm) in width and is custom-cut in lengths up to 40 feet (12.2m) for fast and easy installation.



Industrial-Metro Siding

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

* Stiffener ribs can be added

Total Nominal Thickness (mm)	Core Nominal Thickness (mm)	Section Modulus		Moment of inertia mm ⁴ x10 ³	Allowable Reaction End (N)
		Midspan mm ³ x10	Support mm ³ x10		
0.50	0.46	4.59	5.20	99.4	498
0.65	0.61	6.95	7.77	148.8	1220
0.80	0.76	8.97	9.67	205.7	2194
0.95	0.91	11.04	11.56	268.9	3356

(METRIC)

Span Condition		UNIFORMLY DISTRIBUTED LOADS (Kpa)							
		26 gauge (0.50mm)		24 gauge (0.65mm)		22 gauge (0.80mm)		20 gauge (0.95 mm)	
		B	D	B	D	B	D	B	D
S I N G L E	1220	2.73	4.88	5.42	7.27	6.98	10.01	8.59	13.13
	1372	2.44	3.37	4.30	5.08	5.52	7.03	6.79	9.23
	1524	2.20	2.49	3.47	3.71	4.49	5.13	5.52	6.69
	1676	1.90	1.90	2.88	2.78	3.71	3.86	4.54	5.08
	1829	1.61	1.42	2.39	2.15	3.12	2.98	3.81	3.91
	1981	1.37	1.12	2.05	1.71	2.64	2.34	3.27	3.08
	2133	1.17	0.93	1.76	1.37	2.29	1.90	2.83	2.49
	2286	1.03	0.73	1.56	1.12	2.00	1.51	2.46	2.00
	2438	0.88	0.59	1.37	0.93	1.76	1.22	2.15	1.61
	2591	0.78	0.54	1.22	0.78	1.81	1.03	1.90	1.37
D O U B L E	2743	0.68	0.44	1.07	0.63	1.37	0.93	1.71	1.17
	2896	0.63	0.39	0.98	0.54	1.22	0.78	1.51	0.98
	3048	0.59	0.34	0.49	0.44	1.12	0.63	1.37	0.83
	1220	3.03	11.67	5.91	17.43	7.57	24.07	9.03	31.49
	1372	2.69	8.20	4.78	12.25	5.96	16.94	7.13	22.12
	1524	2.39	6.00	3.86	8.93	4.83	12.35	5.76	16.16
	1676	2.15	4.49	3.22	6.69	4.00	9.32	4.78	12.11
	1829	1.81	3.47	2.69	5.13	3.37	7.18	4.00	9.32
	1981	1.51	2.73	2.29	4.05	2.88	5.61	3.42	7.37
	2133	1.32	2.14	2.00	3.27	2.44	4.49	2.93	5.86
T R I P L E	2286	1.17	1.76	1.71	2.69	2.15	3.66	2.59	4.74
	2438	1.03	1.42	1.51	2.15	1.90	2.98	2.25	3.95
	2591	0.88	1.22	1.37	1.81	1.66	2.54	2.00	3.27
	2743	0.78	1.03	1.22	1.56	1.51	2.15	1.76	2.78
	2896	0.73	0.83	1.07	1.32	1.32	1.81	1.61	2.34
	3048	0.63	0.73	0.98	1.12	1.22	1.56	1.47	2.00
	1220	3.42	9.18	6.69	14.21	9.42	19.00	11.28	24.80
	1372	3.03	6.44	5.96	9.62	7.47	13.33	8.89	17.43
	1524	2.73	4.69	4.83	7.03	6.05	9.72	7.23	12.69
	1676	2.49	3.52	4.00	5.27	4.98	7.27	5.96	9.57
1829	2.25	2.73	3.37	4.10	4.20	5.61	5.03	7.37	
1981	1.90	2.15	2.88	3.17	3.56	4.44	4.25	5.42	
2133	1.66	1.71	2.49	2.54	3.08	3.52	3.66	4.64	
2286	1.46	1.37	2.14	2.10	2.69	2.84	3.22	3.76	
2438	1.27	1.17	1.90	1.71	2.34	2.34	2.83	3.12	
2591	1.12	0.98	1.66	1.42	2.10	1.96	2.49	2.59	
2743	1.03	0.78	1.51	1.22	1.86	1.71	2.25	2.14	
2896	0.88	0.73	1.37	1.03	1.66	1.42	2.00	1.81	
3048	0.83	0.59	1.22	0.93	1.39	1.22	1.81	1.56	

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