

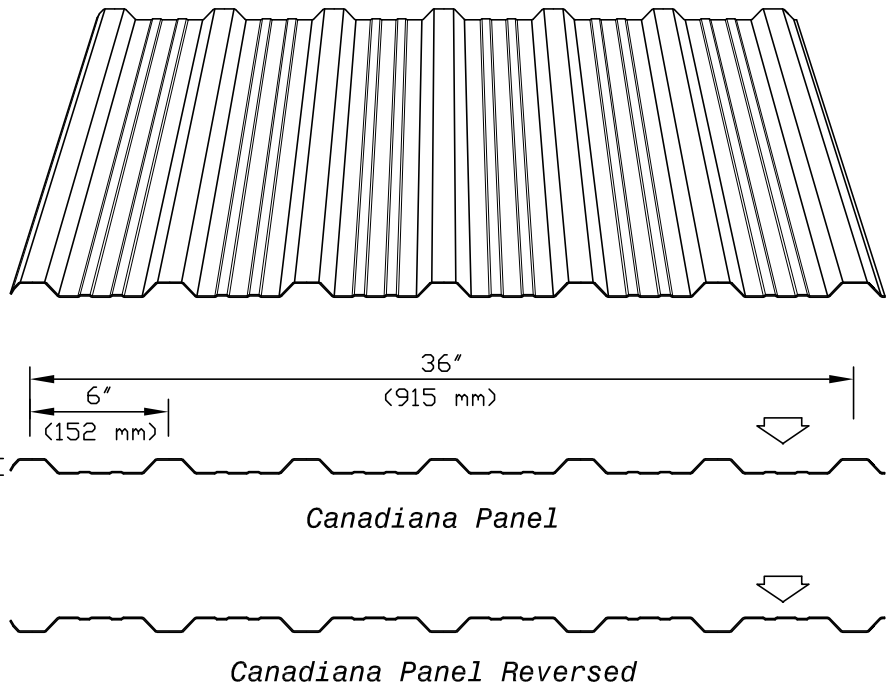
Canadiana Panel

Ideal Roofing's **Canadiana Panel** offers **superior strength** with its strong **80,000 PSI full hard steel core** and its seven 5/8 inch (16mm) high ribs at every 6 inch (152mm) centers. Superior strength means savings on wood or steel purlins for your customer without having to use a thicker steel substrate.

Since the **Canadiana Panel** is fabricated from a **41 inch (1041mm) flat sheet into 36 inch wide (915mm) siding panel**, you save **time and money**. **Time** because you install **less sheets**, since our panel is **wider**. **Money** because **the Canadiana** is made economically with **less waste** than other competing siding panels.

The Canadiana is destined to become the industry's most versatile lightweight steel siding panel. Its aesthetic and structural qualities renders it worthy of consideration as a siding or a liner panel on agricultural, commercial and industrial buildings.

The Canadiana is rollformed and custom cut to the inch in lengths up to 40 feet (12.2m) for your convenience.



AVAILABLE MATERIALS

Mill Finish Galvanized Steel

-ASTM-A653 Grade 80, Z275 (G-90);
gauges: 29 (.016"/0.41mm thick),
26 (.021"/0.54mm thick).

Mill Finish Galvalume Plus Steel

-ASTM-A792 Grade 80, AZ165;
gauge: 29 (.016"/0.41mm thick)

Pre-painted Galvanized Steel (8000+ series)

-ASTM-A653 Grade 80, Z275 (G-90)
gauges: 29 (.016"/0.41mm thick),
26 (.021"/0.54mm thick).
(see colour charts)

Aluminum Diamond Embossed

gauge: 25 (.0175"/0.44mm thick)

Minimum Yield Stress	Fy = 80,000.00 P.S.I. (410 Mpa)
Maximum Working Stress Fb	= 59,500.00 P.S.I. (305 Mpa)
Young's Modulus (E)	= 29,500,000.00 P.S.I. (203 Mpa)

Total Nominal Thickness Galv. Z275 Inch (mm)	Core Nominal Thickness Inch (mm)	Section Modulus		Moment of Inertia in ⁴ (mm ⁴)	Allowable Reaction Ends lb (KN)
		Mid-Span in ³ (mm ³)	Support in ³ (mm ³)		
.016 (.41)	.014 (.35)	.0175 (0.94)	.0161 (0.865)	.01105 (.0151)	84.5 (1.233)
.021 (.54)	.018 (.46)	.0257 (1.38)	.0243 (1.305)	.01448 (.0198)	158.1 (2.307)

UNIFORMLY DISTRIBUTED LOADS (psf / Kpa)					
Span Condition	Span In (mm)	29 gauge / .016" (0.41 mm)		26 gauge / .021" (0.54 mm)	
		B	D	B	D
S I N G L E	24 (600)	104 (5.13)	102 (5.11)	153 (7.55)	146 (7.33)
	36 (1000)	46 (1.85)	30 (1.10)	68 (2.72)	43 (1.58)
	48 (1200)	26 (1.28)	13 (0.64)	38 (1.89)	18 (10.92)
	60 (1500)	17 (0.82)	7 (0.33)	24 (1.21)	9 (0.47)
D O U B L E	24 (600)	96 (4.73)	244 (12.25)	144 (7.13)	350 (17.58)
	36 (1000)	43 (1.70)	72 (2.65)	64 (2.57)	104 (3.80)
	48 (1200)	24 (1.18)	31 (1.53)	36 (1.78)	44 (2.20)
	60 (1500)	15 (0.76)	16 (0.78)	23 (1.14)	22 (1.13)
T R I P L E	24 (600)	120 (5.91)	165 (9.65)	180 (8.92)	276 (13.85)
	36 (1000)	53 (2.13)	57 (2.08)	80 (3.21)	82 (2.99)
	48 (1200)	30 (1.48)	24 (1.21)	45 (2.23)	34 (1.73)
	60 (1500)	19 (0.95)	12 (0.62)	29 (1.43)	18 (0.89)
	72 (1800)	13 (0.66)	7 (0.36)	20 (0.99)	10 (0.51)

B = capacity based on strength
D = load capacity based on a deflection L/180