

## We Outlast the Competition and Look Good Doing it!

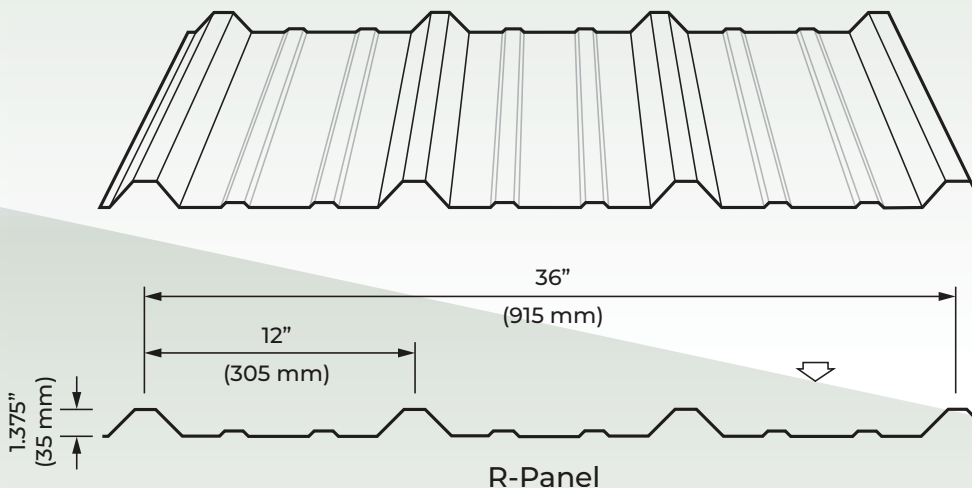
Ideal Roofing's R-Panel is versatile, durable and is unmatched in quality and we back it with our 40-year warranty. With an extensive range of colors, we provide the best options for exposed fastener steel panel siding in the industry. Elegant and practical, it's the best in class.



- Ideal for both wall and roof applications
- Protects against harsh weather
- Cost-effective and easy installation
- Perfectly suited for large industrial buildings

### Available Colors

Ash Grey	Dark Brown
Black	Tan
Bright Red	White
Burnished Slate	Regent Grey
Charcoal	Heron Blue
Forest Green	Galvalume



## STEEL PANELS



ENVIRONMENT-FRIENDLY.  
THIS PRODUCT IS  
ENTIRELY RECYCLABLE.



Canadian Sheet Steel Building Institute  
A division of the Canadian Institute of Steel Construction



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## SECTION PROPERTIES

IMPERIAL						
SECTION PROPERTIES (PER FOOT OF WIDTH)						
Total Nominal Thickness (in.)	Base Steel Thickness (in.)	Coated Weight (psf)	Yield Stress (ksi)	Section Modulus		Deflection Moment of Inertia (in <sup>4</sup> )
				Midspan (in <sup>3</sup> )	Support (in <sup>3</sup> )	
0.021	0.018	0.93	33	0.0367	0.0312	0.0362

METRIC						
SECTION PROPERTIES (PER METER OF WIDTH)						
Total Nominal Thickness (mm)	Base Steel Thickness (mm)	Coated Weight (kg/m <sup>2</sup> )	Yield Stress (MPa)	Section Modulus		Deflection Moment of Inertia (10 <sup>6</sup> mm <sup>4</sup> )
				Midspan (10 <sup>3</sup> mm <sup>3</sup> )	Support (10 <sup>3</sup> mm <sup>3</sup> )	
0.533	0.457	4.56	230	1.97	1.68	0.0495

## LOAD TABLE FOR ROOFING APPLICATION

IMPERIAL				
Maximum Uniformly Distributed Specified Loads (psf)				
LLF=1.5; IMPF=0.90; Normal Occupancy=1.0				
Span length (ft)		Nominal Steel Thickness 26 Gauge / 0.021"		
		1-Span	2-Span	3-Span
2.0	S	121	103	129
	D	439	1,045	830
2.5	S	78	66	82
	D	225	535	425
3.0	S	54	46	57
	D	130	310	246
3.5	S	40	34	42
	D	82	195	155
4.0	S	30	26	32
	D	55	131	104
4.5	S	24	20	25
	D	39	92	73
5.0	S	19	16	21
	D	28	67	53
5.5	S	16	14	17
	D	21	50	40
6.0	S	13	11	14
	D	16	39	31

Specified Web Crippling Data			
P <sub>e1</sub> End (lb)	P <sub>e2</sub> End (lb)	P <sub>i1</sub> Interior (lb)	P <sub>i2</sub> Interior (lb)
23.1	5.77	43.9	7.47

METRIC				
Maximum Uniformly Distributed Specified Loads (kPa)				
LLF=1.5; IMPF=0.90; Normal Occupancy=1.0				
Span length (m)		Nominal Steel Thickness 26 Gauge / 0.533 mm		
		1-Span	2-Span	3-Span
0.6	S	6.04	5.14	6.42
	D	22.1	52.5	41.7
0.8	S	3.40	2.89	3.61
	D	9.30	22.1	17.6
1.0	S	2.18	1.85	2.31
	D	4.76	11.3	9.00
1.2	S	1.51	1.28	1.61
	D	2.76	6.56	5.21
1.4	S	1.11	0.94	1.18
	D	1.74	4.13	3.28
1.6	S	0.85	0.72	0.90
	D	1.16	2.77	2.20
1.8	S	0.67	0.57	0.71
	D	0.82	1.94	1.54
2.0	S	0.54	0.46	0.58
	D	0.60	1.42	1.13

Specified Web Crippling Data			
P <sub>e1</sub> End (kN)	P <sub>e2</sub> End (kN)	P <sub>i1</sub> Interior (kN)	P <sub>i2</sub> Interior (kN)
0.340	0.0850	0.648	0.110

## LOAD TABLE FOR SIDING APPLICATION

IMPERIAL				
Maximum Uniformly Distributed Specified Loads (psf)				
LLF=1.4; IMPF=0.90; Normal Occupancy=1.0				
Span length (ft)		Nominal Steel Thickness 26 Gauge / 0.021"		
		1-Span	2-Span	3-Span
2.0	S	130	110	138
	D	527	1,254	996
2.5	S	83	71	88
	D	270	642	510
3.0	S	58	49	61
	D	156	372	295
3.5	S	42	36	45
	D	98	234	186
4.0	S	32	28	34
	D	66	157	124
4.5	S	26	22	27
	D	46	110	87
5.0	S	21	18	22
	D	34	80	64
5.5	S	17	15	18
	D	25	60	48
6.0	S	14	12	15
	D	20	46	37

Specified Web Crippling Data			
P <sub>e1</sub> End (lb)	P <sub>e2</sub> End (lb)	P <sub>i1</sub> Interior (lb)	P <sub>i2</sub> Interior (lb)
24.7	6.18	47.1	8.00

METRIC				
Maximum Uniformly Distributed Specified Loads (kPa)				
LLF=1.4; IMPF=0.90; Normal Occupancy=1.0				
Span length (m)		Nominal Steel Thickness 26 Gauge / 0.533 mm		
		1-Span	2-Span	3-Span
0.6	S	6.48	5.51	6.88
	D	26.5	63.0	50.0
0.8	S	3.64	3.10	3.87
	D	11.2	26.6	21.1
1.0	S	2.33	1.98	2.48
	D	5.72	13.6	10.8
1.2	S	1.62	1.38	1.72
	D	3.31	7.87	6.25
1.4	S	1.19	1.01	1.26
	D	2.08	4.96	3.94
1.6	S	0.91	0.77	0.97
	D	1.40	3.32	2.64
1.8	S	0.72	0.61	0.76
	D	0.98	2.33	1.85
2.0	S	0.58	0.50	0.62
	D	0.71	1.70	1.35

Specified Web Crippling Data			
P <sub>e1</sub> End (kN)	P <sub>e2</sub> End (kN)	P <sub>i1</sub> Interior (kN)	P <sub>i2</sub> Interior (kN)
0.365	0.0910	0.694	0.118

- Notes:**
1. Based on ASTM A 653 structural steel.
  2. Values in row "S" are based on strength.
  3. Values in row "D" are based on deflection of SPAN/180.
  4. Web crippling not included in strength calculations.
  5. Limit States Design principles were used in accordance with CSA Standard S136-16.