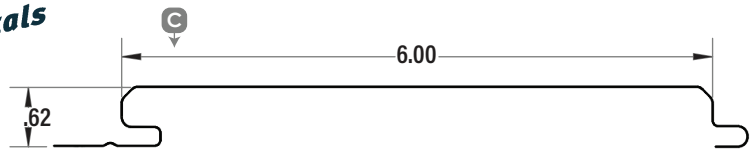
WF-PROBOARD 6 WALL



All dimensions are in inches

SECTION PROPERTIES (PER FOOT OF WIDTH)

	Base Steel Thickness (in.)	Weight G90 (psf)	Yield Stress (ksi)	Sec. Modulus Midspan (in^3)	Sec. Modulus Support (in^3)	Deflection Moment of Inertia (in^4)	Specified Web Crippling Data P_{e1} End (lb)	P_{e2} End (lb)	P_{i1} Interior (lb)	P_{i2} Interior (lb)
IMPERIAL	0.0240	1.49	33	0.0431	0.0479	0.0186				
	0.0300	1.85	33	0.0556	0.0606	0.0242				

Live load factor = 1.4; Importance factor = 0.75; Importance Category = 1.0

MAXIMUM UNIFORMLY DISTRIBUTED SPECIFIED LOADS (PSF)

SPAN LENGTH (ft)		1-SPAN BASE STEEL THICKNESS (in.)					2-SPAN BASE STEEL THICKNESS (in.)					3-SPAN BASE STEEL THICKNESS (in.)				
		0.024	0.030				0.024	0.030				0.024	0.030			
2.0	S	152	197				169	214				212	268			
	D	541	704				1287	1675				1022	1330			
2.5	S	98	126				108	137				135	171			
	D	277	360				659	858				523	681			
3.0	S	68	87				75	95				94	119			
	D	160	209				381	496				303	394			
3.5	S	50	64				55	70				69	87			
	D	101	131				240	313				191	248			
4.0	S	38	49				42	54				53	67			
	D	68	88				161	209				128	166			
4.5	S	30	39				33	42				42	53			
	D	47	62				113	147				90	117			
5.0	S	24	31				27	34				34	43			
	D	35	45				82	107				65	85			
5.5	S	20	26				22	28				28	35			
	D	26	34				62	81				49	64			
6.0	S	17	22				19	24				24	30			
	D	20	26				48	62				38	49			

Notes:

1. Based on ASTM A 653 structural steel. Coating can also be AZ50.
2. Values in row "S" are based on strength.
3. Values in row "D" are based on deflection of L/90.
4. For L/180, multiply values in row "D" by 0.50.
5. Limit States Design principles were used in accordance with CSA S136-16.
6. Prepared by Dr. R.M. Schuster, P. Eng., Distinguished Professor Emeritus, University of Waterloo.

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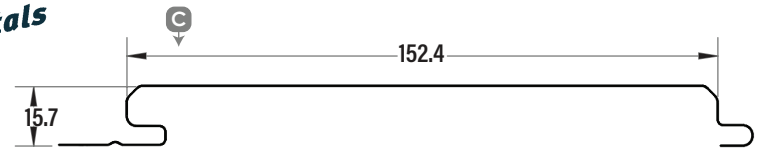

All dimensions are in millimeters

SECTION PROPERTIES (PER METRE OF WIDTH)

METRIC	Base Steel Thickness (mm)	Mass Z275 (kg/m^2)	Yield Stress (MPa)	Sec. Modulus Midspan ($x10^3$ mm^3)	Sec. Modulus Support ($x10^3$ mm^3)	Deflection Moment of Inertia ($x10^6 mm^4$)	Specified Web Crippling Data P_{e1} End (kN)	P_{e2} End (kN)	P_{i1} Interior (kN)	P_{i2} Interior (kN)
	0.610	7.30	230	2.32	2.58	0.0254				
	0.762	9.06	230	2.99	3.26	0.0330				

Live load factor = 1.4; Importance factor = 0.75; Importance Category = 1.0

MAXIMUM UNIFORMLY DISTRIBUTED SPECIFIED LOADS (kPa)

SPAN LENGTH (mm)		1-SPAN BASE STEEL THICKNESS (mm)					2-SPAN BASE STEEL THICKNESS (mm)					3-SPAN BASE STEEL THICKNESS (mm)				
		0.610	0.762				0.610	0.762				0.610	0.762			
600	S	7.61	9.82				8.46	10.7				10.6	13.4			
	D	27.2	35.3				65.2	84.8				51.3	66.8			
800	S	4.28	5.52				4.76	6.02				5.95	7.53			
	D	11.5	14.9				27.5	35.8				21.7	28.2			
1000	S	2.74	3.54				3.05	3.85				3.81	4.82			
	D	5.87	7.6				14.1	18.3				11.1	14.4			
1200	S	1.90	2.46				2.12	2.68				2.64	3.35			
	D	3.40	4.42				8.15	10.6				6.42	8.35			
1400	S	1.40	1.80				1.55	1.97				1.94	2.46			
	D	2.14	2.78				5.13	6.68				4.04	5.26			
1500	S	1.22	1.57				1.35	1.71				1.69	2.14			
	D	1.74	2.26				4.17	5.43				3.29	4.27			
1600	S	1.07	1.38				1.19	1.51				1.49	1.88			
	D	1.43	1.86				3.44	4.47				2.71	3.52			
1800	S	0.85	1.09				0.94	1.19				1.18	1.49			
	D	1.01	1.31				2.41	3.14				1.90	2.47			
2000	S	0.69	0.88				0.76	0.96				0.95	1.20			
	D	0.73	0.95				1.76	2.29				1.39	1.80			

Notes:

1. Based on ASTM A 653M structural steel. Coating can also be AZM150.
2. Values in row "S" are based on strength.
3. Values in row "D" are based on deflection of L/90.
4. For L/180, multiply values in row "D" by 0.50.
5. Limit States Design principles were used in accordance with CSA S136-16.
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