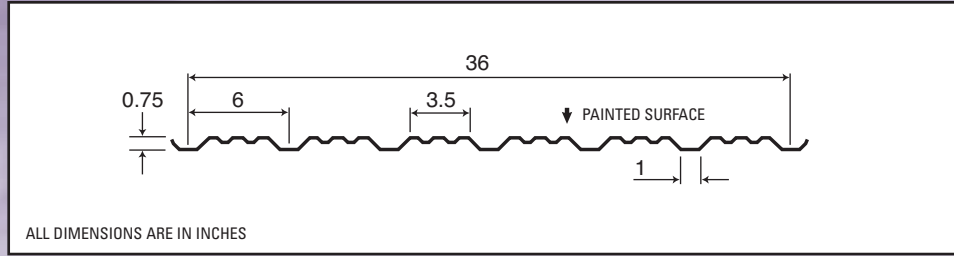


# Wall Cladding and Liner Panel

# DR6-75



## Section Properties

(Per Foot of Width)

Base Steel Thickness (in.)	Weight G90 (psf)	Yield Stress (ksi)	Section Modulus		Deflection Moment of Inertia Mid Span (in <sup>4</sup> )	Specified Web Crippling Data (lb)			
			Mid Span (in <sup>3</sup> )	Support (in <sup>3</sup> )		End Pe1	End Pe2	Interior Pi1	Interior Pi2
0.0120	0.64	33	0.0202	0.0221	0.0098	21.9	5.46	43.5	7.40
0.0135	0.71	80	0.0208	0.0232	0.0102	53.7	13.4	107	18.1
0.0180	0.93	33	0.0361	0.0381	0.0182	52.9	13.2	104	17.7
0.0240	1.22	33	0.0498	0.0550	0.0268	97.9	24.5	191	32.5

Live Load Factor = 1.4; Importance Factor ( $I_{W-SLS}$ ) = 0.75; Importance Factor ( $I_{W-ULS}$ ) = 1.0

## Load Table

Maximum Specified Uniformly Distributed Loads in psf

Span (ft.)		1-Span Base Steel Thickness (in.)				2-Span Base Steel Thickness (in.)				3-Span Base Steel Thickness (in.)			
		0.0120	0.0135	0.0180	0.0240	0.0120	0.0135	0.0180	0.0240	0.0120	0.0135	0.0180	0.0240
1'-4"	S	161	314	288	397	176	351	303	438	220	438	379	547
	D	480	502	892	1316	1153	1205	2140	3159	908	949	1685	2487
1'-8"	S	103	201	184	254	113	224	194	280	141	280	242	350
	D	246	257	457	674	590	617	1096	1617	465	486	863	1274
2'-0"	S	72	140	128	176	78	156	135	194	98	195	168	243
	D	142	149	264	390	342	357	634	936	269	281	499	737
2'-6"	S	46	89	82	113	50	100	86	124	63	125	108	156
	D	73	76	135	200	175	183	325	479	138	144	256	377
3'-0"	S	32	62	57	78	35	69	60	86	43	87	75	108
	D	42	44	78	116	101	106	188	277	80	83	148	218
3'-6"	S	23	46	42	58	26	51	44	64	32	64	55	79
	D	27	28	49	73	64	67	118	175	50	52	93	138
4'-0"	S	18	35	32	44	20	39	34	49	24	49	42	61
	D	18	19	33	49	43	45	79	117	34	35	62	92
4'-6"	S	14	28	25	35	15	31	27	38	19	38	33	48
	D	12	13	23	34	30	31	56	82	24	25	44	65
5'-0"	S			20	28	13	25	22	31	16	31	27	39
	D			17	25	22	23	41	60	17	18	32	47
5'-6"	S			17	23	10	21	18	26	13	26	22	32
	D			13	19	16	17	30	45	13	14	24	35
6'-0"	S				20		17	15	22		22	19	27
	D				14		13	23	35		10	18	27
6'-6"	S				17		15	13	18			16	23
	D				11		10	18	27			15	21
7'-0"	S							11	16			14	20
	D							15	22			12	17

## Notes:

- Steel conforms to ASTM A653.
- Section properties are in accordance with CSA-S136-07.
- Values in row "S" are based on strength.
- Values in row "D" are based on a deflection limit of 1/180 of the span.
- Web crippling not included in strength values. See example calculation in notes to designer.
- Contact the sales department for stocked colours and gauges.
- The load table contained on this data sheet was prepared by Dr. R.M. Schuster P.Eng. Professor Emeritus of Structural Engineering, University of Waterloo, Ontario, Canada.

