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Edition

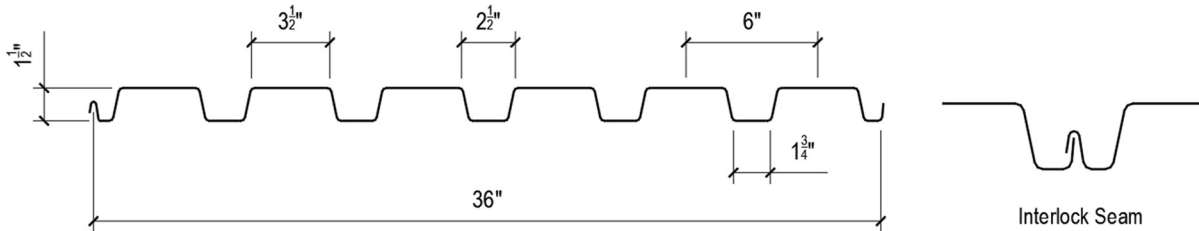
The information presented in this catalog is in accordance with AISI S100-16 and 2019 CBC.
Date of this edition: December 2020.

Notation and Symbols

- A_e = Effective cross-sectional area.
- A_g = Gross cross-sectional area.
- f_b / Ω_b = Allowable uniform load (including w) based on allowable flexural stress in deck.
- F_u = Tensile strength.
- F_y = Yield strength.
- I_d = Moment of inertia for deflection due to uniform load.
- I_e = Effective moment of inertia.
- I_g = Gross moment of inertia based on gross properties.
- $L/360$ = Allowable uniform load (including w) which results in this deck deflection.
- $L/240$ = Allowable uniform load (including w) which results in this deck deflection.
- $L/180$ = Allowable uniform load (including w) which results in this deck deflection.
- r = Radius of gyration.
- $S_{e,b}$ = Effective section modulus for the bottom fiber.
- $S_{e,t}$ = Effective section modulus for the top fiber.
- $S_{g,b}$ = Gross section modulus for the bottom fiber.
- t = Base metal thickness.
- w = Deck self-weight.
- y_b = Distance to neutral axis from bottom.
- y_t = Distance to neutral axis from top.
- Ω_b = Safety factor for bending strength = 1.67.
- = Allowable uniform load based on deflection exceeds f_b / Ω_b .

1.5SD-IS-40

- 1 1/2" Deep Smooth Deck
- Interlock Seam
- A653 SS Grade 40



Panel Material and Section Properties

Material Properties					Gross Section Properties				
Gage	Base Metal Thickness t (in)	Weight w (psf)	Yield Strength F _y (ksi)	Tensile Strength F _u (ksi)	Area A _g (in ² /ft)	Moment of Inertia I _g (in ⁴ /ft)	Distance to N.A. from Bottom y _b (in)	Section Modulus S _{g,b} (in ³ /ft)	Radius of Gyration r (in)
22	0.0295	1.7	40	55	0.504	0.190	0.921	0.208	0.617
20	0.0358	2.1	40	55	0.612	0.233	0.924	0.252	0.617
18	0.0474	2.8	40	55	0.810	0.307	0.930	0.331	0.617
16	0.0598	3.5	40	55	1.021	0.390	0.936	0.415	0.617

Effective Section Properties for Bending at F _y						Section Properties for Deflection at Service Load		
Gage	Area A _e (in ² /ft)	Section Modulus S _{e,b} (in ³ /ft)	Distance to N.A. from Bottom y _b (in)	Section Modulus S _{e,t} (in ³ /ft)	Distance to N.A. from Top y _t (in)	Moment of Inertia I _e (in ⁴ /ft)	Uniform Load	
							Single Span	Multi Span
							I _d = I _e (in ⁴ /ft)	I _d = (I _g +I _e)/2 (in ⁴ /ft)
22	0.504	0.170	0.921	0.258	0.605	0.157	0.157	0.168
20	0.612	0.220	0.924	0.335	0.608	0.203	0.203	0.213
18	0.810	0.323	0.93	0.490	0.614	0.300	0.300	0.302
16	1.021	0.415	0.936	0.627	0.62	0.390	0.390	0.390

Allowable Reaction at Supports (plf) Based on Web Crippling

Gage	Location	Bearing Length							
		One Flange Loading				Two Flange Loading			
		2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"
22	End	741	800	853	902	765	814	857	898
	Interior	1094	1169	1238	1300	1346	1447	1538	1621
20	End	1054	1135	1208	1275	1153	1222	1285	1343
	Interior	1579	1683	1778	1865	1963	2105	2233	2350
18	End	1752	1880	1996	2102	2065	2181	2286	2382
	Interior	2681	2847	2998	3136	3374	3603	3811	4002
16	End	2668	2854	3023	3178	3321	3497	3655	3801
	Interior	4151	4394	4614	4816	5262	5603	5911	6194

- Notes: 1. Flange is attached to support.
2. Linear foot is across width of panel.

1.5SD-IS-40

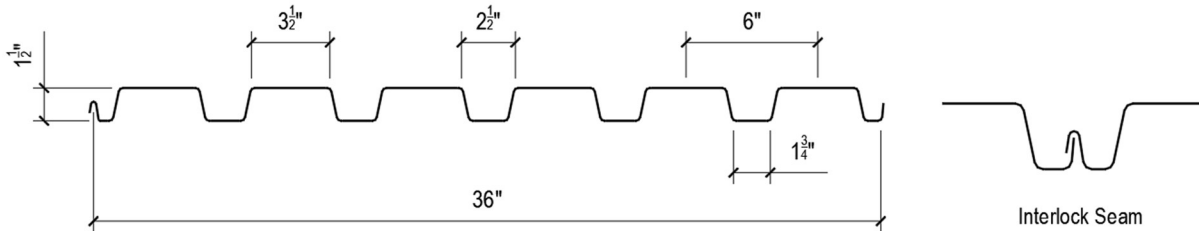
Allowable Uniform Loads Based on Bending Stress and Deflection (psf)

Gage	No. of Spans	Criteria	Panel Span (Support Spacing)								
			4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"
22	Single	f_b / Ω_b	169	108	75	55	42	33	27	22	18
		L/360	107	55	32	20	13	9	7	5	4
		L/240	160	82	48	30	20	14	10	8	6
		L/180	---	---	63	40	27	19	14	10	8
	Double	f_b / Ω_b	169	108	75	55	42	33	27	22	18
		L/360	---	---	---	51	34	24	18	13	10
		L/240	---	---	---	---	---	---	26	20	15
		L/180	---	---	---	---	---	---	---	---	---
	Triple	f_b / Ω_b	211	135	94	69	52	41	33	27	23
		L/360	---	111	64	40	27	19	14	10	8
		L/240	---	---	---	61	41	28	21	16	12
		L/180	---	---	---	---	---	38	28	21	16
20	Single	f_b / Ω_b	219	140	97	71	54	43	35	29	24
		L/360	139	71	41	26	17	12	9	7	5
		L/240	208	107	62	39	26	18	13	10	8
		L/180	---	---	82	52	35	24	18	13	10
	Double	f_b / Ω_b	219	140	97	71	54	43	35	29	24
		L/360	---	---	---	65	44	31	22	17	13
		L/240	---	---	---	---	---	---	34	25	19
		L/180	---	---	---	---	---	---	---	---	---
	Triple	f_b / Ω_b	274	175	122	89	68	54	43	36	30
		L/360	---	141	81	51	34	24	18	13	10
		L/240	---	---	---	77	52	36	26	20	15
		L/180	---	---	---	---	---	48	35	26	20
18	Single	f_b / Ω_b	322	206	143	105	80	63	51	42	35
		L/360	205	105	61	38	26	18	13	10	8
		L/240	307	157	91	57	38	27	20	15	11
		L/180	---	---	121	76	51	36	26	20	15
	Double	f_b / Ω_b	322	206	143	105	80	63	51	42	35
		L/360	---	---	---	93	62	44	32	24	18
		L/240	---	---	---	---	---	---	48	36	28
		L/180	---	---	---	---	---	---	---	---	---
	Triple	f_b / Ω_b	403	258	179	131	100	79	64	53	44
		L/360	389	199	115	73	49	34	25	19	14
		L/240	---	---	173	109	73	51	37	28	22
		L/180	---	---	---	---	97	68	50	37	29
16	Single	f_b / Ω_b	414	265	184	135	103	81	66	54	46
		L/360	266	136	79	50	33	23	17	13	10
		L/240	399	205	118	75	50	35	26	19	15
		L/180	---	---	158	99	67	47	34	26	20
	Double	f_b / Ω_b	414	265	184	135	103	81	66	54	46
		L/360	---	---	---	120	80	56	41	31	24
		L/240	---	---	---	---	---	---	62	46	36
		L/180	---	---	---	---	---	---	---	---	---
	Triple	f_b / Ω_b	518	331	230	169	129	102	82	68	57
		L/360	502	257	149	94	63	44	32	24	19
		L/240	---	---	223	141	94	66	48	36	28
		L/180	---	---	---	---	126	88	64	48	37

Note: Symbol --- means that allowable uniform load based on deflection exceeds f_b / Ω_b .

1.5SD-IS-50

- 1 1/2" Deep Smooth Deck
- Interlock Seam
- A653 SS Grade 50



Panel Material and Section Properties

Material Properties					Gross Section Properties				
Gage	Base Metal Thickness t (in)	Weight w (psf)	Yield Strength F _y (ksi)	Tensile Strength F _u (ksi)	Area A _g (in ² /ft)	Moment of Inertia I _g (in ⁴ /ft)	Distance to N.A. from Bottom y _b (in)	Section Modulus S _{g,b} (in ³ /ft)	Radius of Gyration r (in)
22	0.0295	1.7	50	65	0.504	0.190	0.921	0.208	0.617
20	0.0358	2.1	50	65	0.612	0.233	0.924	0.252	0.617
18	0.0474	2.8	50	65	0.810	0.307	0.930	0.331	0.617
16	0.0598	3.5	50	65	1.021	0.390	0.936	0.415	0.617

Effective Section Properties for Bending at F _y						Section Properties for Deflection at Service Load		
Gage	Area A _e (in ² /ft)	Section Modulus S _{e,b} (in ³ /ft)	Distance to N.A. from Bottom y _b (in)	Section Modulus S _{e,t} (in ³ /ft)	Distance to N.A. from Top y _t (in)	Moment of Inertia I _e (in ⁴ /ft)	Uniform Load	
							Single Span	Multi Span
							I _d = I _e (in ⁴ /ft)	I _d = (I _g +I _e)/2 (in ⁴ /ft)
22	0.504	0.162	0.921	0.246	0.605	0.150	0.150	0.163
20	0.612	0.210	0.924	0.319	0.608	0.193	0.193	0.207
18	0.810	0.308	0.93	0.467	0.614	0.287	0.287	0.293
16	1.021	0.415	0.936	0.627	0.62	0.390	0.390	0.390

Allowable Reaction at Supports (plf) Based on Web Crippling

Gage	Location	Bearing Length							
		One Flange Loading				Two Flange Loading			
		2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"
22	End	927	1000	1067	1128	957	1017	1072	1122
	Interior	1368	1462	1547	1625	1683	1808	1922	2027
20	End	1317	1418	1510	1594	1441	1528	1606	1679
	Interior	1974	2104	2222	2331	2454	2631	2791	2938
18	End	2190	2350	2495	2628	2581	2726	2857	2978
	Interior	3352	3560	3747	3920	4217	4504	4764	5003
16	End	3336	3568	3779	3972	4152	4371	4569	4752
	Interior	5189	5493	5768	6020	6578	7004	7389	7743

- Notes: 1. Flange is attached to support.
2. Linear foot is across width of panel.

1.5SD-IS-50

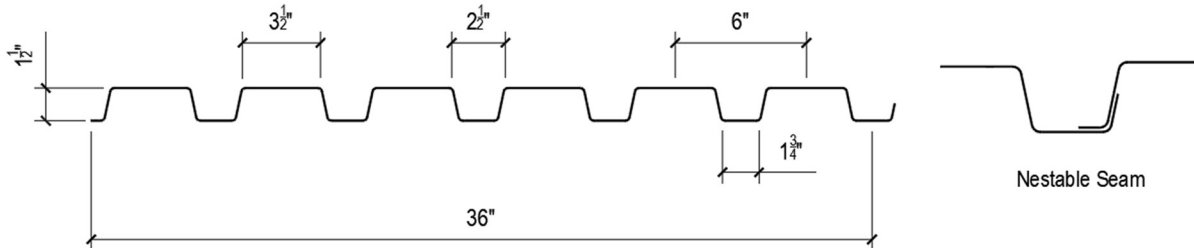
Allowable Uniform Loads Based on Bending Stress and Deflection (psf)

Gage	No. of Spans	Criteria	Panel Span (Support Spacing)								
			4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"
22	Single	f_b / Ω_b	201	128	89	65	50	39	32	26	22
		L/360	102	52	30	19	13	9	7	5	4
		L/240	154	79	46	29	19	13	10	7	6
		L/180	---	105	61	38	26	18	13	10	8
	Double	f_b / Ω_b	201	128	89	65	50	39	32	26	22
		L/360	---	---	80	50	34	24	17	13	10
		L/240	---	---	---	---	---	35	26	19	15
		L/180	---	---	---	---	---	---	---	26	20
	Triple	f_b / Ω_b	251	161	111	82	62	49	40	33	27
		L/360	210	108	62	39	26	18	13	10	8
		L/240	---	---	94	59	39	28	20	15	12
		L/180	---	---	---	79	53	37	27	20	16
20	Single	f_b / Ω_b	261	167	116	85	65	51	41	34	29
		L/360	132	68	39	25	17	12	8	6	5
		L/240	198	101	59	37	25	17	13	10	7
		L/180	---	135	78	49	33	23	17	13	10
	Double	f_b / Ω_b	261	167	116	85	65	51	41	34	29
		L/360	---	---	101	63	42	30	22	16	13
		L/240	---	---	---	---	64	45	33	25	19
		L/180	---	---	---	---	---	---	---	33	25
	Triple	f_b / Ω_b	327	209	145	106	81	64	52	43	36
		L/360	266	136	79	50	33	23	17	13	10
		L/240	---	204	118	75	50	35	26	19	15
		L/180	---	---	---	99	67	47	34	26	20
18	Single	f_b / Ω_b	384	245	170	125	96	75	61	50	42
		L/360	196	100	58	37	24	17	13	9	7
		L/240	294	150	87	55	37	26	19	14	11
		L/180	---	200	116	73	49	34	25	19	15
	Double	f_b / Ω_b	384	245	170	125	96	75	61	50	42
		L/360	---	---	143	90	60	42	31	23	18
		L/240	---	---	---	---	90	64	46	35	27
		L/180	---	---	---	---	---	---	---	46	36
	Triple	f_b / Ω_b	480	307	213	156	120	94	76	63	53
		L/360	378	193	112	71	47	33	24	18	14
		L/240	---	290	168	106	71	50	36	27	21
		L/180	---	---	---	141	94	66	48	36	28
16	Single	f_b / Ω_b	518	331	230	169	129	102	82	68	57
		L/360	266	136	79	50	33	23	17	13	10
		L/240	399	205	118	75	50	35	26	19	15
		L/180	---	273	158	99	67	47	34	26	20
	Double	f_b / Ω_b	518	331	230	169	129	102	82	68	57
		L/360	---	328	190	120	80	56	41	31	24
		L/240	---	---	---	---	120	84	62	46	36
		L/180	---	---	---	---	---	---	---	62	48
	Triple	f_b / Ω_b	647	414	287	211	161	127	103	85	71
		L/360	502	257	149	94	63	44	32	24	19
		L/240	---	386	223	141	94	66	48	36	28
		L/180	---	---	---	188	126	88	64	48	37

Note: Symbol --- means that allowable uniform load based on deflection exceeds f_b / Ω_b .

1.5SD-NS-40

- 1 1/2" Deep Smooth Deck
- Nestable Seam
- A653 SS Grade 40



Panel Material and Section Properties

Material Properties					Gross Section Properties				
Gage	Base Metal Thickness t (in)	Weight w (psf)	Yield Strength F _y (ksi)	Tensile Strength F _u (ksi)	Area A _g (in ² /ft)	Moment of Inertia I _g (in ⁴ /ft)	Distance to N.A. from Bottom y _b (in)	Section Modulus S _{g,b} (in ³ /ft)	Radius of Gyration r (in)
22	0.0295	1.7	40	55	0.498	0.197	0.915	0.215	0.628
20	0.0358	2.1	40	55	0.605	0.237	0.918	0.260	0.628
18	0.0474	2.7	40	55	0.801	0.317	0.924	0.342	0.628
16	0.0598	3.4	40	55	1.010	0.400	0.930	0.428	0.628

Effective Section Properties for Bending at F _y						Section Properties for Deflection at Service Load		
Gage	Area A _e (in ² /ft)	Section Modulus S _{e,b} (in ³ /ft)	Distance to N.A. from Bottom y _b (in)	Section Modulus S _{e,t} (in ³ /ft)	Distance to N.A. from Top y _t (in)	Moment of Inertia I _e (in ⁴ /ft)	Uniform Load	
							Single Span	Multi Span
							I _d = I _e (in ⁴ /ft)	I _d = (I _g +I _e)/2 (in ⁴ /ft)
22	0.498	0.170	0.915	0.255	0.611	0.157	0.157	0.170
20	0.605	0.221	0.918	0.331	0.614	0.203	0.203	0.214
18	0.801	0.325	0.924	0.484	0.62	0.300	0.300	0.306
16	1.010	0.428	0.93	0.636	0.626	0.400	0.400	0.400

Allowable Reaction at Supports (plf) Based on Web Crippling

Gage	Location	Bearing Length							
		One Flange Loading				Two Flange Loading			
		2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"
22	End	741	800	853	902	765	814	857	898
	Interior	1094	1169	1238	1300	1346	1447	1538	1621
20	End	1054	1135	1208	1275	1153	1222	1285	1343
	Interior	1579	1683	1778	1865	1963	2105	2233	2350
18	End	1752	1880	1996	2102	2065	2181	2286	2382
	Interior	2681	2847	2998	3136	3374	3603	3811	4002
16	End	2668	2854	3023	3178	3321	3497	3655	3801
	Interior	4151	4394	4614	4816	5262	5603	5911	6194

- Notes: 1. Flange is attached to support.
2. Linear foot is across width of panel.

1.5SD-NS-40

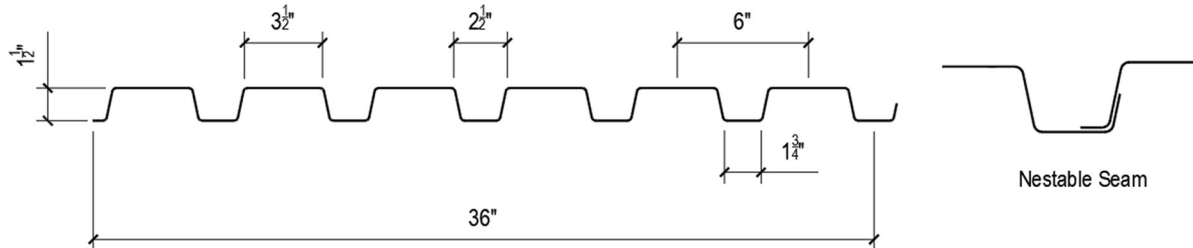
Allowable Uniform Loads Based on Bending Stress and Deflection (psf)

Gage	No. of Spans	Criteria	Panel Span (Support Spacing)								
			4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"
22	Single	f_b / Ω_b	170	108	75	55	42	33	27	22	18
		L/360	107	55	32	20	13	9	7	5	4
		L/240	160	82	48	30	20	14	10	8	6
		L/180	---	---	63	40	27	19	14	10	8
	Double	f_b / Ω_b	170	108	75	55	42	33	27	22	18
		L/360	---	---	---	52	35	25	18	13	10
		L/240	---	---	---	---	---	---	27	20	16
		L/180	---	---	---	---	---	---	---	---	---
	Triple	f_b / Ω_b	212	136	94	69	53	41	34	28	23
		L/360	---	112	65	41	27	19	14	11	8
		L/240	---	---	---	61	41	29	21	16	12
		L/180	---	---	---	---	---	38	28	21	16
20	Single	f_b / Ω_b	220	141	98	72	55	43	35	29	24
		L/360	139	71	41	26	17	12	9	7	5
		L/240	208	107	62	39	26	18	13	10	8
		L/180	---	---	82	52	35	24	18	13	10
	Double	f_b / Ω_b	220	141	98	72	55	43	35	29	24
		L/360	---	---	---	66	44	31	23	17	13
		L/240	---	---	---	---	---	---	34	25	20
		L/180	---	---	---	---	---	---	---	---	---
	Triple	f_b / Ω_b	276	176	122	90	69	54	44	36	30
		L/360	---	141	82	52	35	24	18	13	10
		L/240	---	---	---	77	52	36	27	20	15
		L/180	---	---	---	---	---	49	35	27	20
18	Single	f_b / Ω_b	324	207	144	105	81	64	51	42	36
		L/360	205	105	61	38	26	18	13	10	8
		L/240	307	157	91	57	38	27	20	15	11
		L/180	---	---	121	76	51	36	26	20	15
	Double	f_b / Ω_b	324	207	144	105	81	64	51	42	36
		L/360	---	---	---	94	63	44	32	24	19
		L/240	---	---	---	---	---	---	48	36	28
		L/180	---	---	---	---	---	---	---	---	---
	Triple	f_b / Ω_b	405	259	180	132	101	80	64	53	45
		L/360	394	202	117	73	49	35	25	19	15
		L/240	---	---	175	110	74	52	38	28	22
		L/180	---	---	---	---	98	69	50	38	29
16	Single	f_b / Ω_b	427	273	189	139	106	84	68	56	47
		L/360	273	140	81	51	34	24	17	13	10
		L/240	410	210	121	76	51	36	26	20	15
		L/180	---	---	162	102	68	48	35	26	20
	Double	f_b / Ω_b	427	273	189	139	106	84	68	56	47
		L/360	---	---	---	123	82	58	42	32	24
		L/240	---	---	---	---	---	---	63	47	37
		L/180	---	---	---	---	---	---	---	---	---
	Triple	f_b / Ω_b	534	341	237	174	133	105	85	70	59
		L/360	515	264	153	96	64	45	33	25	19
		L/240	---	---	229	144	97	68	49	37	29
		L/180	---	---	---	---	129	90	66	50	38

Note: Symbol --- means that allowable uniform load based on deflection exceeds f_b / Ω_b .

1.5SD-NS-50

- 1 1/2" Deep Smooth Deck
- Nestable Seam
- A653 SS Grade 50



Panel Material and Section Properties

Material Properties					Gross Section Properties				
Gage	Base Metal Thickness t (in)	Weight w (psf)	Yield Strength F _y (ksi)	Tensile Strength F _u (ksi)	Area A _g (in ² /ft)	Moment of Inertia I _g (in ⁴ /ft)	Distance to N.A. from Bottom y _b (in)	Section Modulus S _{g,b} (in ³ /ft)	Radius of Gyration r (in)
22	0.0295	1.7	50	65	0.498	0.197	0.915	0.215	0.628
20	0.0358	2.1	50	65	0.605	0.237	0.918	0.260	0.628
18	0.0474	2.7	50	65	0.801	0.317	0.924	0.342	0.628
16	0.0598	3.4	50	65	1.010	0.400	0.930	0.428	0.628

Effective Section Properties for Bending at F _y						Section Properties for Deflection at Service Load		
Gage	Area A _e (in ² /ft)	Section Modulus S _{e,b} (in ³ /ft)	Distance to N.A. from Bottom y _b (in)	Section Modulus S _{e,t} (in ³ /ft)	Distance to N.A. from Top y _t (in)	Moment of Inertia I _e (in ⁴ /ft)	Uniform Load	
							Single Span	Multi Span
							I _d = I _e (in ⁴ /ft)	I _d = (I _g +I _e)/2 (in ⁴ /ft)
22	0.498	0.162	0.915	0.243	0.611	0.150	0.150	0.166
20	0.605	0.211	0.918	0.315	0.614	0.193	0.193	0.208
18	0.801	0.309	0.924	0.461	0.62	0.287	0.287	0.297
16	1.010	0.426	0.93	0.632	0.626	0.397	0.397	0.398

Allowable Reaction at Supports (plf) Based on Web Crippling

Gage	Location	Bearing Length							
		One Flange Loading				Two Flange Loading			
		2"	2.5"	3"	3.5"	2"	2.5"	3"	3.5"
22	End	927	1000	1067	1128	957	1017	1072	1122
	Interior	1368	1462	1547	1625	1683	1808	1922	2027
20	End	1317	1418	1510	1594	1441	1528	1606	1679
	Interior	1974	2104	2222	2331	2454	2631	2791	2938
18	End	2190	2350	2495	2628	2581	2726	2857	2978
	Interior	3352	3560	3747	3920	4217	4504	4764	5003
16	End	3336	3568	3779	3972	4152	4371	4569	4752
	Interior	5189	5493	5768	6020	6578	7004	7389	7743

- Notes: 1. Flange is attached to support.
2. Linear foot is across width of panel.

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Allowable Uniform Loads Based on Bending Stress and Deflection (psf)

Gage	No. of Spans	Criteria	Panel Span (Support Spacing)								
			4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"
22	Single	f_b / Ω_b	202	129	89	66	50	39	32	26	22
		L/360	102	52	30	19	13	9	7	5	4
		L/240	154	79	46	29	19	13	10	7	6
		L/180	---	105	61	38	26	18	13	10	8
	Double	f_b / Ω_b	202	129	89	66	50	39	32	26	22
		L/360	---	---	81	51	34	24	17	13	10
		L/240	---	---	---	---	---	36	26	20	15
		L/180	---	---	---	---	---	---	---	---	20
	Triple	f_b / Ω_b	252	161	112	82	63	49	40	33	28
		L/360	213	109	63	40	27	19	14	10	8
		L/240	---	---	95	60	40	28	20	15	12
		L/180	---	---	---	80	53	37	27	21	16
20	Single	f_b / Ω_b	263	168	116	85	65	51	42	34	29
		L/360	132	68	39	25	17	12	8	6	5
		L/240	198	101	59	37	25	17	13	10	7
		L/180	---	135	78	49	33	23	17	13	10
	Double	f_b / Ω_b	263	168	116	85	65	51	42	34	29
		L/360	---	---	101	64	43	30	22	16	13
		L/240	---	---	---	---	64	45	33	25	19
		L/180	---	---	---	---	---	---	---	33	25
	Triple	f_b / Ω_b	329	210	146	107	82	64	52	43	36
		L/360	268	137	79	50	33	24	17	13	10
		L/240	---	206	119	75	50	35	26	19	15
		L/180	---	---	---	100	67	47	34	26	20
18	Single	f_b / Ω_b	385	246	171	126	96	76	61	51	42
		L/360	196	100	58	37	24	17	13	9	7
		L/240	294	150	87	55	37	26	19	14	11
		L/180	---	200	116	73	49	34	25	19	15
	Double	f_b / Ω_b	385	246	171	126	96	76	61	51	42
		L/360	---	---	145	91	61	43	31	23	18
		L/240	---	---	---	---	91	64	47	35	27
		L/180	---	---	---	---	---	---	---	47	36
	Triple	f_b / Ω_b	482	308	214	157	120	95	77	63	53
		L/360	382	196	113	71	48	34	24	18	14
		L/240	---	294	170	107	72	50	37	28	21
		L/180	---	---	---	143	96	67	49	37	28
16	Single	f_b / Ω_b	531	339	236	173	132	104	84	70	59
		L/360	271	139	80	51	34	24	17	13	10
		L/240	406	208	120	76	51	36	26	20	15
		L/180	---	277	161	101	68	48	35	26	20
	Double	f_b / Ω_b	531	339	236	173	132	104	84	70	59
		L/360	---	335	194	122	82	57	42	31	24
		L/240	---	---	---	---	123	86	63	47	36
		L/180	---	---	---	---	---	---	84	63	48
	Triple	f_b / Ω_b	663	424	295	216	165	131	106	87	73
		L/360	512	262	152	96	64	45	33	25	19
		L/240	---	394	228	143	96	67	49	37	28
		L/180	---	---	---	191	128	90	66	49	38

Note: Symbol --- means that allowable uniform load based on deflection exceeds f_b / Ω_b .