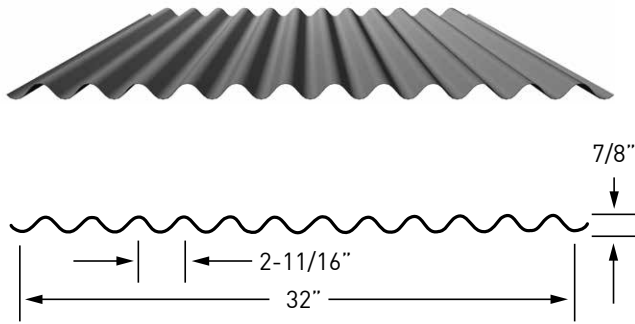


6.1 C0.9-32



Panel Properties

Gage	Weight	Base Metal Thickness	Yield Strength	Tensile Strength	Gross Section Properties				
					Area	Moment of Inertia	Distance to N.A. from Bottom	Section Modulus	Radius of Gyration
26	1.1	0.0195	80	82	0.299	0.028	0.44	0.062	0.306
24	1.4	0.0254	80	82	0.390	0.036	0.44	0.080	0.306
22	1.7	0.0314	80	82	0.482	0.045	0.46	0.098	0.305
20	2.0	0.0374	80	82	0.574	0.053	0.46	0.116	0.305

Gage	Effective Section Modulus at F_y					Effective Moment of Inertia for Deflection			
	Compression	Bending				Moment of Inertia	Moment of Inertia	Uniform Load Only	
	Area	Section Modulus	Distance to N.A. from Bottom	Section Modulus	Distance to N.A. from Bottom			$I_d = (2I_e + I_g)/3$	
						S_{e+} in ³ /ft	y_b in	S_{e-} in ³ /ft	y_b in
26	0.285	0.061	0.45	0.060	0.46	0.028	0.028	0.028	0.028
24	0.390	0.080	0.45	0.080	0.45	0.036	0.036	0.036	0.036
22	0.482	0.098	0.46	0.098	0.46	0.045	0.045	0.045	0.045
20	0.574	0.116	0.45	0.116	0.45	0.053	0.053	0.053	0.053

Reactions at Supports (plf) Based on Web Crippling

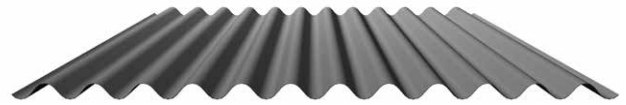
Gage	Condition	Bearing Length of Webs							
		Allowable (R_n/Ω)				Factored (ΦR_n)			
		1"	1.5"	2"	3"	1"	1.5"	2"	3"
26	End	377	431	460	460	577	660	703	703
	Interior	473	532	562	562	724	814	860	860
24	End	699	795	844	844	1069	1216	1292	1292
	Interior	950	1060	1117	1117	1453	1622	1710	1710
22	End	1117	1264	1341	1341	1710	1935	2052	2052
	Interior	1585	1760	1850	1850	2425	2692	2831	2831
20	End	1627	1833	1940	1940	2489	2804	2968	2968
	Interior	2370	2619	2749	2749	3626	4007	4206	4206

Web Crippling Constraints

$h=0.6"$

$r=0.63"$

$\theta=48.8^\circ$



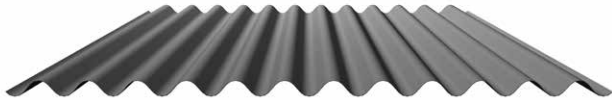
Inward Allowable (f_b/Ω) and Factored (Φf_b) Distributed Load (lbs/ft²)

Gage	Span	Limit Condition	Panel Span (Support Spacing)								
			2' - 0"	2' - 6"	3' - 0"	3' - 6"	4' - 0"	4' - 6"	5' - 0"	5' - 6"	6' - 0"
26	SS	f_b / Ω	367	235	163	120	92	73	59	49	41
		Φf_b	582	373	259	190	146	115	93	77	65
		L/360	154	79	46	29	19	13	10	7	6
		L/240	230	118	68	43	29	20	15	11	9
	DS	f_b / Ω	357	228	158	116	89	70	57	47	40
		Φf_b	566	362	251	185	141	112	91	75	63
		L/360	-	189	110	69	46	32	24	18	14
		L/240	-	-	-	104	69	49	36	27	21
	TS	f_b / Ω	446	285	198	146	111	88	71	59	50
		Φf_b	707	453	314	231	177	140	113	94	79
		L/360	339	174	100	63	42	30	22	16	13
		L/240	-	260	151	95	64	45	33	24	19
24	SS	f_b / Ω	479	307	213	156	120	95	77	63	53
		Φf_b	760	487	338	248	190	150	122	101	84
		L/360	199	102	59	37	25	17	13	10	7
		L/240	298	153	88	56	37	26	19	14	11
	DS	f_b / Ω	479	307	213	156	120	95	77	63	53
		Φf_b	760	487	338	248	190	150	122	101	84
		L/360	479	245	142	89	60	42	31	23	18
		L/240	-	-	213	134	90	63	46	35	27
	TS	f_b / Ω	599	383	266	196	150	118	96	79	67
		Φf_b	950	608	422	310	238	188	152	126	106
		L/360	439	225	130	82	55	39	28	21	16
		L/240	-	337	195	123	82	58	42	32	24
22	SS	f_b / Ω	588	376	261	192	147	116	94	78	65
		Φf_b	932	597	414	304	233	184	149	123	104
		L/360	246	126	73	46	31	22	16	12	9
		L/240	369	189	109	69	46	32	24	18	14
	DS	f_b / Ω	588	376	261	192	147	116	94	78	65
		Φf_b	932	597	414	304	233	184	149	123	104
		L/360	-	303	175	110	74	52	38	28	22
		L/240	-	-	-	166	111	78	57	43	33
	TS	f_b / Ω	735	470	326	240	184	145	118	97	82
		Φf_b	1165	746	518	381	291	230	186	154	129
		L/360	543	278	161	101	68	48	35	26	20
		L/240	-	417	241	152	102	71	52	39	30
20	SS	f_b / Ω	695	445	309	227	174	137	111	92	77
		Φf_b	1102	705	490	360	275	218	176	146	122
		L/360	287	147	85	54	36	25	18	14	11
		L/240	430	220	127	80	54	38	28	21	16
	DS	f_b / Ω	695	445	309	227	174	137	111	92	77
		Φf_b	1102	705	490	360	275	218	176	146	122
		L/360	691	354	205	129	86	61	44	33	26
		L/240	-	-	307	193	130	91	66	50	38
	TS	f_b / Ω	868	556	386	283	217	171	139	115	96
		Φf_b	1377	882	612	450	344	272	220	182	153
		L/360	633	324	188	118	79	56	41	30	23
		L/240	-	486	281	177	119	83	61	46	35

6.3 C0.9-32

Normal Weight Concrete (145 pcf)

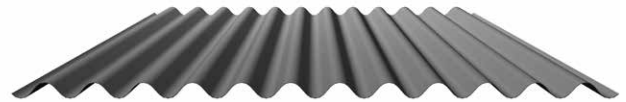
Maximum Unshored Spans



C0.9-32 Shoring Table

Total Slab Depth (in)	145 pcf Normal Weight Concrete					
	Volume cy/100sf	Gage	Slab and Deck psf	Maximum Unshored Span		
				Single	Double	Triple
2.5	0.637	26	26.0	3' - 9"	4' - 4"	4' - 6"
		24	26.3	4' - 7"	5' - 5"	5' - 6"
		22	26.6	5' - 1"	6' - 3"	6' - 4"
		20	26.9	5' - 4"	7' - 0"	6' - 7"
3	0.791	26	32.0	3' - 7"	4' - 2"	4' - 3"
		24	32.3	4' - 4"	5' - 2"	5' - 2"
		22	32.7	4' - 10"	5' - 11"	5' - 11"
		20	33.0	5' - 0"	6' - 8"	6' - 3"
3.5	0.945	26	38.1	3' - 5"	4' - 0"	4' - 1"
		24	38.4	4' - 2"	4' - 11"	5' - 0"
		22	38.7	4' - 7"	5' - 8"	5' - 8"
		20	39.0	4' - 9"	6' - 4"	5' - 11"
4	1.100	26	44.1	3' - 4"	3' - 10"	3' - 11"
		24	44.4	4' - 0"	4' - 8"	4' - 9"
		22	44.7	4' - 4"	5' - 5"	5' - 5"
		20	45.1	4' - 7"	6' - 0"	5' - 8"
4.5	1.254	26	50.2	3' - 2"	3' - 8"	3' - 10"
		24	50.5	3' - 10"	4' - 6"	4' - 7"
		22	50.8	4' - 2"	5' - 2"	5' - 2"
		20	51.1	4' - 5"	5' - 9"	5' - 5"
5	1.408	26	56.2	3' - 1"	3' - 7"	3' - 8"
		24	56.5	3' - 9"	4' - 4"	4' - 5"
		22	56.8	4' - 0"	5' - 0"	5' - 0"
		20	57.1	4' - 3"	5' - 7"	5' - 3"
5.5	1.563	26	62.2	3' - 0"	3' - 6"	3' - 7"
		24	62.6	3' - 7"	4' - 3"	4' - 3"
		22	62.9	3' - 11"	4' - 10"	4' - 10"
		20	63.2	4' - 1"	5' - 5"	5' - 1"
6	1.717	26	68.3	2' - 11"	3' - 4"	3' - 6"
		24	68.6	3' - 6"	4' - 1"	4' - 2"
		22	68.9	3' - 10"	4' - 8"	4' - 8"
		20	69.2	4' - 0"	5' - 3"	4' - 11"
6.5	1.871	26	74.3	2' - 10"	3' - 3"	3' - 5"
		24	74.6	3' - 5"	4' - 0"	4' - 1"
		22	74.9	3' - 8"	4' - 7"	4' - 7"
		20	75.3	3' - 11"	5' - 1"	4' - 10"

**Light Weight Concrete (110 pcf)
Maximum Unshored Spans**



C0.9-32 Shoring Table

Total Slab Depth (in)	110 pcf Normal Weight Concrete					
	Volume cy/100sf	Gage	Slab and Deck psf	Maximum Unshored Span		
				Single	Double	Triple
2.5	0.637	26	20.0	4' - 0"	4' - 7"	4' - 9"
		24	20.3	4' - 10"	5' - 10"	5' - 10"
		22	20.6	5' - 7"	6' - 9"	6' - 10"
		20	20.9	5' - 10"	7' - 7"	7' - 3"
3	0.791	26	24.6	3' - 10"	4' - 5"	4' - 7"
		24	24.9	4' - 8"	5' - 6"	5' - 7"
		22	25.2	5' - 3"	6' - 5"	6' - 6"
		20	25.5	5' - 6"	7' - 2"	6' - 10"
3.5	0.945	26	29.1	3' - 8"	4' - 3"	4' - 5"
		24	29.5	4' - 6"	5' - 4"	5' - 4"
		22	29.8	5' - 0"	6' - 1"	6' - 2"
		20	30.1	5' - 3"	6' - 10"	6' - 6"
4	1.100	26	33.7	3' - 7"	4' - 1"	4' - 3"
		24	34.0	4' - 4"	5' - 1"	5' - 2"
		22	34.3	4' - 9"	5' - 11"	5' - 11"
		20	34.7	5' - 0"	6' - 7"	6' - 2"
4.5	1.254	26	38.3	3' - 5"	4' - 0"	4' - 2"
		24	38.6	4' - 2"	4' - 11"	5' - 0"
		22	38.9	4' - 7"	5' - 8"	5' - 8"
		20	39.2	4' - 10"	6' - 4"	5' - 11"
5	1.408	26	42.9	3' - 4"	3' - 10"	4' - 0"
		24	43.2	4' - 1"	4' - 9"	4' - 10"
		22	43.5	4' - 5"	5' - 6"	5' - 6"
		20	43.8	4' - 8"	6' - 1"	5' - 9"
5.5	1.563	26	47.5	3' - 3"	3' - 9"	3' - 11"
		24	47.8	3' - 11"	4' - 8"	4' - 8"
		22	48.1	4' - 3"	5' - 4"	5' - 3"
		20	48.4	4' - 6"	5' - 11"	5' - 7"
6	1.717	26	52.1	3' - 2"	3' - 8"	3' - 10"
		24	52.4	3' - 10"	4' - 6"	4' - 7"
		22	52.7	4' - 2"	5' - 2"	5' - 2"
		20	53.0	4' - 4"	5' - 9"	5' - 5"
6.5	1.871	26	56.6	3' - 1"	3' - 6"	3' - 8"
		24	57.0	3' - 8"	4' - 4"	4' - 5"
		22	57.3	4' - 1"	5' - 0"	5' - 1"
		20	57.6	4' - 3"	5' - 7"	5' - 8"

C PANELS