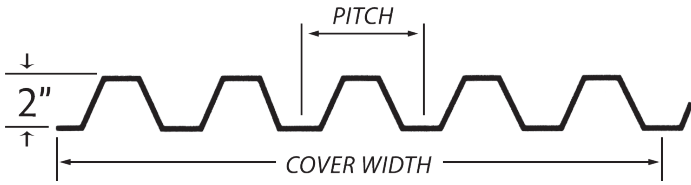


BRIDGE DECKING



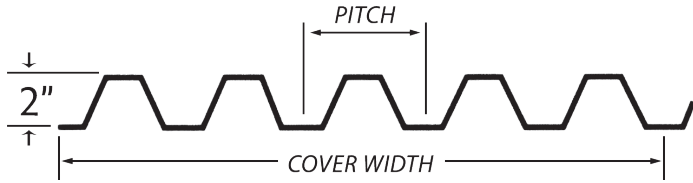
All deck forms are produced from structural quality galvanized sheet steel conforming to ASTM designation A-653. Finish is hot dipped galvanized conforming to ASTM designation A-924. Standard coating weight is G165. Other weights available. Manufactured in Derry, PA.

Section Properties (per ft. of width)								
GAGE (base metal thickness)	Form Type	5.0P	5.5P	6.0P	6.5P	7.0P	7.5P	8.0P
	Depth	2"	2"	2"	2"	2"	2"	2"
	Pitch	5"	5 ½"	6"	6 ½"	7"	7 ½"	8"
	Cover Width	25"	27 ½"	30"	26"	28"	30"	32"
22 .0299	Section Modulus in. ³	.281	.268	.252	.236	.221	.208	.196
	Moment of Inertia in. ⁴	.342	.333	.314	.297	.278	.262	.247
	Weight PSF	2.140	2.050	1.900	1.960	1.910	1.880	1.850
21 .0329	Section Modulus in. ³	.316	.304	.286	.269	.253	.238	.224
	Moment of Inertia in. ⁴	.376	.374	.354	.335	.315	.296	.280
	Weight PSF	2.260	2.150	2.080	2.150	2.100	2.060	2.000
20 .0359	Section Modulus in. ³	.350	.341	.322	.304	.286	.269	.254
	Moment of Inertia in. ⁴	.411	.416	.394	.375	.353	.332	.314
	Weight PSF	2.440	2.350	2.260	2.340	2.280	2.240	2.220
19 .0418	Section Modulus in. ³	.407	.415	.396	.376	.354	.334	.316
	Moment of Inertia in. ⁴	.479	.495	.476	.455	.429	.405	.383
	Weight PSF	2.800	2.630	2.540	2.620	2.550	2.500	2.450
18 .0478	Section Modulus in. ³	.465	.493	.475	.453	.429	.405	.384
	Moment of Inertia in. ⁴	.548	.564	.561	.539	.510	.483	.457
	Weight PSF	3.150	3.000	2.900	3.000	2.930	2.860	2.830
17 .0538	Section Modulus in. ³	.522	.570	.557	.534	.507	.481	.456
	Moment of Inertia in. ⁴	.618	.635	.646	.624	.593	.563	.534
	Weight PSF	3.690	3.520	3.260	3.370	3.290	3.230	3.180
16 .0598	Section Modulus in. ³	.580	.632	.664	.646	.619	.590	.557
	Moment of Inertia in. ⁴	.687	.707	.715	.726	.696	.665	.635
	Weight PSF	4.090	3.900	3.620	3.740	3.650	3.580	3.530
15 .0673	Section Modulus in. ³	.651	.710	.758	.758	.716	.673	.634
	Moment of Inertia in. ⁴	.775	.796	.805	.814	.806	.775	.743
	Weight PSF	4.580	4.370	4.050	4.190	4.090	4.000	3.950
14 .0747	Section Modulus in. ³	.722	.786	.840	.854	.802	.754	.711
	Moment of Inertia in. ⁴	.861	.885	.895	.904	.889	.884	.850
	Weight PSF	5.050	4.840	4.490	4.640	4.530	4.430	4.370

22 gage through 17 gage formed from A-653 Grade 50 or Grade 80 steel.

16 gage through 14 gage formed from A-653 Grade 40 steel.

BRIDGE DECKING



All deck forms are produced from structural quality galvanized sheet steel conforming to ASTM designation A-653. Finish is hot dipped galvanized conforming to ASTM designation A-924. Standard coating weight is G165. Other weights available. Manufactured in Derry, PA.

Section Properties (metric)								
GAGE (base metal thickness)	Form Type	5.0P	5.5P	6.0P	6.5P	7.0P	7.5P	8.0P
	Depth (mm)	51	51	51	51	51	51	51
	Pitch (mm)	127	140	152	165	178	191	203
	Cover Width (mm)	635	699	762	660	711	762	813
22 .759mm	Section Modulus mm ³ /mm	15.11	14.41	13.55	12.69	11.88	11.18	10.54
	Moment of Inertia mm ⁴ /mm	467.03	454.74	428.79	405.58	379.63	357.78	337.30
	Weight kg/m ²	10.45	10.00	9.28	9.57	9.32	9.18	9.03
21 .836mm	Section Modulus mm ³ /mm	16.99	16.34	15.38	14.46	13.60	12.80	12.04
	Moment of Inertia mm ⁴ /mm	431.53	510.73	483.42	457.47	430.16	404.21	382.36
	Weight kg/m ²	11.03	10.50	10.16	10.50	10.25	10.06	9.76
20 .912mm	Section Modulus mm ³ /mm	18.82	18.34	17.31	16.34	15.38	14.46	13.66
	Moment of Inertia mm ⁴ /mm	561.26	568.08	538.04	512.10	482.05	453.37	428.79
	Weight kg/m ²	11.91	11.47	11.03	11.42	11.13	10.94	10.84
19 1.062mm	Section Modulus mm ³ /mm	21.88	22.31	21.29	20.22	19.03	17.96	16.99
	Moment of Inertia mm ⁴ /mm	654.12	675.97	650.02	621.34	585.84	553.06	523.02
	Weight kg/m ²	13.67	12.84	12.40	12.79	12.45	12.21	11.96
18 1.214mm	Section Modulus mm ³ /mm	25.00	26.51	25.54	24.35	23.06	21.77	20.65
	Moment of Inertia mm ⁴ /mm	748.34	770.19	766.10	736.05	696.45	659.58	624.07
	Weight kg/m ²	15.38	14.65	14.16	14.65	14.31	13.96	13.82
17 1.367mm	Section Modulus mm ³ /mm	28.06	30.65	29.95	28.71	27.26	25.86	24.52
	Moment of Inertia mm ⁴ /mm	843.93	867.15	882.17	852.13	809.80	768.83	729.22
	Weight kg/m ²	18.02	17.18	15.92	16.45	16.06	15.77	15.53
16 1.519mm	Section Modulus mm ³ /mm	31.18	33.98	35.70	34.73	33.28	31.72	29.95
	Moment of Inertia mm ⁴ /mm	938.16	965.47	976.40	991.42	950.45	908.12	867.15
	Weight kg/m ²	19.97	19.04	17.67	18.26	17.82	17.48	17.23
15 1.709mm	Section Modulus mm ³ /mm	35.00	38.17	40.75	40.75	38.49	36.18	34.09
	Moment of Inertia mm ⁴ /mm	1058.33	1087.00	1099.30	1111.59	1100.66	1058.33	1014.63
	Weight kg/m ²	22.36	21.34	19.77	20.46	19.97	19.53	19.28
14 1.897mm	Section Modulus mm ³ /mm	38.82	42.26	45.16	45.91	43.12	40.54	38.23
	Moment of Inertia mm ⁴ /mm	1175.77	1208.54	1222.20	1234.50	1227.66	1207.18	1160.75
	Weight kg/m ²	24.66	23.63	21.92	22.65	22.12	21.63	21.34

22 gage through 17 gage formed from A-653 Grade 50 or Grade 80 steel.

16 gage through 14 gage formed from A-653 Grade 40 steel.