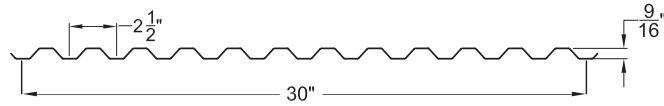


## 0.6C CONFORM DECK



### SECTION PROPERTIES

Deck Gauge	Design Thickness (in)	Deck Weight (psf)	Section Properties				V <sub>a</sub> (lbs/ft)	F <sub>y</sub> (ksi)
			I <sub>p</sub> (in <sup>4</sup> /ft)	I <sub>n</sub> (in <sup>4</sup> /ft)	S <sub>p</sub> (in <sup>3</sup> /ft)	S <sub>n</sub> (in <sup>3</sup> /ft)		
28	0.0149	0.76	0.012	0.012	0.035	0.036	1179	60
26	0.0179	0.91	0.015	0.015	0.043	0.043	1703	60
24	0.0239	1.21	0.019	0.019	0.057	0.057	2368	60
22	0.0295	1.49	0.024	0.024	0.070	0.070	2946	60

### MAXIMUM CONSTRUCTION CLEAR SPANS (S.D.I. CRITERIA) (ft-in.)

Total Slab Depth	Deck	Weight (psf)	NW Concrete N=9 145 PCF			Weight (psf)	LW Concrete N=14 110 PCF		
			1 SPAN	2 SPAN	3 SPAN		1 SPAN	2 SPAN	3 SPAN
2 (t=1.50)	0.6C28	23	2'-3	2'-9	2'-10	17	2'-4	2'-10	2'-11
	0.6C26	23	2'-9	3'-3	3'-4	18	2'-10	3'-5	3'-6
	0.6C24	23	3'-5	4'-2	4'-2	18	3'-7	4'-4	4'-5
	0.6C22	23	4'-1	4'-10	4'-11	18	4'-3	5'-2	5'-2
2.5 (t=2.00)	0.6C28	29	2'-3	2'-8	2'-8	22	2'-4	2'-9	2'-10
	0.6C26	29	2'-8	3'-2	3'-2	22	2'-9	3'-4	3'-4
	0.6C24	29	3'-4	3'-11	4'-0	22	3'-6	4'-2	4'-3
	0.6C22	29	3'-11	4'-7	4'-8	23	4'-1	4'-11	5'-0
3 (t=2.50)	0.6C28	35	2'-2	2'-7	2'-7	27	2'-3	2'-8	2'-9
	0.6C26	35	2'-7	3'-1	3'-1	27	2'-8	3'-3	3'-3
	0.6C24	35	3'-2	3'-9	3'-10	27	3'-5	4'-0	4'-1
	0.6C22	36	3'-9	4'-5	4'-6	27	4'-0	4'-9	4'-10
3.5 (t=3.00)	0.6C28	41	2'-1	2'-6	2'-6	31	2'-2	2'-8	2'-8
	0.6C26	41	2'-6	2'-11	3'-0	31	2'-7	3'-2	3'-2
	0.6C24	41	3'-1	3'-8	3'-8	32	3'-3	3'-11	3'-11
	0.6C22	42	3'-7	4'-3	4'-4	32	3'-10	4'-7	4'-8
4 (t=3.50)	0.6C28	47	2'-0	2'-5	2'-6	36	2'-2	2'-7	2'-7
	0.6C26	47	2'-5	2'-10	2'-11	36	2'-7	3'-1	3'-1
	0.6C24	47	3'-0	3'-6	3'-7	36	3'-2	3'-9	3'-10
	0.6C22	48	3'-5	4'-1	4'-2	36	3'-9	4'-5	4'-6
4.5 (t=4.00)	0.6C28	53	2'-0	2'-4	2'-5	40	2'-1	2'-6	2'-7
	0.6C26	53	2'-4	2'-9	2'-10	40	2'-6	3'-0	3'-0
	0.6C24	53	2'-11	3'-5	3'-6	41	3'-1	3'-8	3'-9
	0.6C22	54	3'-4	4'-0	4'-0	41	3'-7	4'-3	4'-4
5 (t=4.50)	0.6C28	59	1'-11	2'-4	2'-4	45	2'-1	2'-6	2'-6
	0.6C26	59	2'-3	2'-8	2'-9	45	2'-5	2'-11	2'-11
	0.6C24	59	2'-10	3'-4	3'-4	45	3'-0	3'-7	3'-8
	0.6C22	60	3'-2	3'-10	3'-11	46	3'-6	4'-2	4'-3

Notes:

1) Minimum exterior bearing length required is 1.5". Minimum interior bearing length is 3".