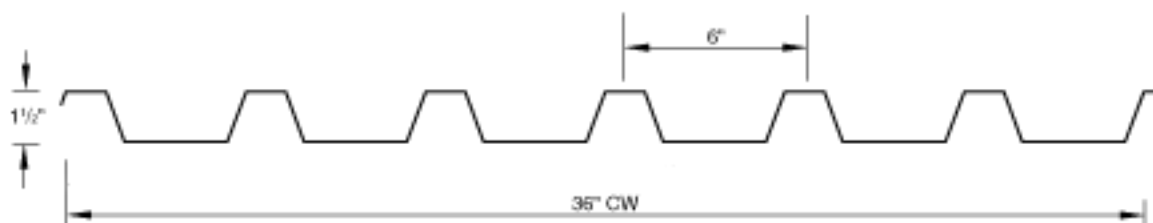


"IEF" INVERTED EXTRA DUTY FORM DECK



SECTION PROPERTIES FY=80 KSI

DECK TYPE	DESIGN THICKNESS	WT. PSF	FINISH	I ^x IN. ⁴	I ^y IN. ⁴	S ^x IN. ³	S ^y IN. ³
24	.0239 IN.	1.32	GALV.	.140	.109	.143	.134
22	.0295 IN.	1.61	GALV.	.181	.143	.189	.183
20	.0358 IN.	1.95	GALV.	.228	.185	.240	.230

DECK-SPAN	DECK TYPE	DESIGN THICKNESS		DECK SUPPORT SPACING (FT.-IN.)						POUNDS PER SQUARE FOOT				
				4-0"	4-6"	5-0"	5-6"	6-0"	6-6"	7-0"	7-6"	8-0"	8-6"	9-0"
SIMPLE	24	STRESS	36000	196	155	125	104	87	74	64	56	49	43	39
		DEFLECTION	L/240	144	101	74	55	43	33	27	22	18	15	13
		DEFLECTION	L/180	192	135	98	74	57	45	36	29	24	20	17
	22	STRESS	36000	258	204	165	137	115	98	84	73	65	57	51
		DEFLECTION	L/240	185	130	95	71	55	43	35	28	23	19	16
		DEFLECTION	L/180	247	173	126	95	73	58	46	37	31	26	22
	20	STRESS	36000	331	262	212	175	147	126	108	94	83	73	65
		DEFLECTION	L/240	233	164	119	90	69	54	44	35	29	24	20
		DEFLECTION	L/180	310	218	159	120	92	72	58	47	39	32	27

DOUBLE	24	STRESS	36000	179	141	115	95	80	68	58	51	45	40	35
		DEFLECTION	L/240	179	141	115	95	80	63	51	41	34	28	24
		DEFLECTION	L/180	179	141	115	95	80	68	58	51	45	38	32
	22	STRESS	36000	242	191	155	128	108	92	79	69	61	54	48
		DEFLECTION	L/240	242	191	155	128	104	82	65	53	44	37	31
		DEFLECTION	L/180	242	191	155	128	108	92	79	69	58	49	41
	20	STRESS	36000	321	254	206	170	143	122	105	91	80	71	63
		DEFLECTION	L/240	321	254	226	170	131	103	82	67	55	46	39
		DEFLECTION	L/180	321	254	206	170	143	122	105	89	74	61	52

TRIPLE	24	STRESS	36000	224	177	143	118	99	85	73	64	56	50	44
		DEFLECTION	L/240	224	177	139	105	81	63	51	41	34	28	24
		DEFLECTION	L/180	224	177	143	118	99	85	68	55	45	38	32
	22	STRESS	36000	303	239	194	160	135	115	99	86	76	67	60
		DEFLECTION	L/240	303	239	179	135	104	82	65	53	44	37	31
		DEFLECTION	L/180	303	239	194	160	135	109	87	71	58	49	41
	20	STRESS	36000	402	317	257	213	179	152	131	114	100	89	79
		DEFLECTION	L/240	402	310	226	170	131	103	82	67	55	46	39
		DEFLECTION	L/180	402	317	257	213	174	137	110	89	74	61	52

LOAD TABLES AND SECTION PROPERTIES WERE GENERATED BY THE SDI.
Standard Cover Width is 36".