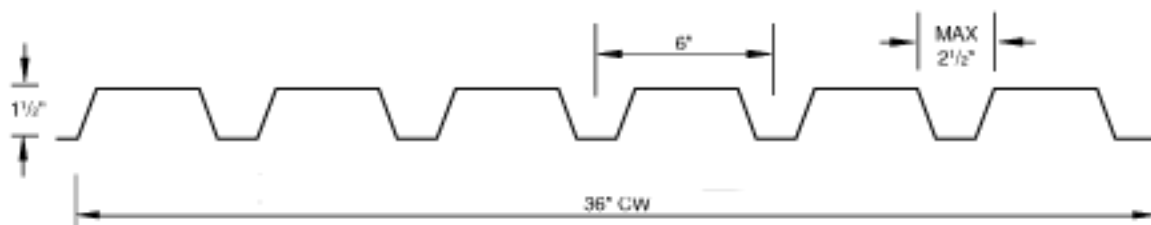


## TYPE "EF" EXTRA DUTY FORM DECK TYPE "EVF" EXTRA DUTY SLOT VENTED FORM DECK



### SECTION PROPERTIES $F_y=80$ KSI

DECK TYPE	DESIGN THICKNESS	WT. PSF	FINISH	$I^x$ IN. <sup>4</sup>	$I^y$ IN. <sup>4</sup>	$S^x$ IN. <sup>3</sup>	$S^y$ IN. <sup>3</sup>
24	.0239 IN.	1.32	GALV.	.111	.141	.135	.148
22	.0295 IN.	1.61	GALV.	.146	.183	.184	.195
20	.0358 IN.	1.95	GALV.	.185	.228	.230	.240

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	179	141	115	95	80	68	58	51	45	40	35
		DEFLECTION	L/240	121	88	67	53	43	36	31	27	24	22	20
		DEFLECTION	L/180	158	114	86	67	54	45	38	33	29	25	23
	22	STRESS	36000	242	191	155	128	108	92	79	69	61	54	48
		DEFLECTION	L/240	157	113	85	66	53	44	37	32	28	25	23
		DEFLECTION	L/180	206	147	110	85	68	56	47	40	34	30	27
	20	STRESS	36000	321	254	206	170	143	122	105	91	80	71	63
		DEFLECTION	L/240	200	143	107	83	66	54	45	39	34	30	27
		DEFLECTION	L/180	263	188	140	107	85	69	57	48	42	36	32

DOUBLE	24	STRESS	36000	196	155	125	104	87	74	64	56	49	43	39
		DEFLECTION	L/240	196	155	118	91	72	59	49	42	36	32	28
		DEFLECTION	L/180	196	155	125	104	87	74	62	53	45	39	35
	22	STRESS	36000	258	204	165	137	115	98	84	73	65	57	51
		DEFLECTION	L/240	258	204	152	117	92	75	62	52	45	39	34
		DEFLECTION	L/180	258	204	165	137	115	96	79	66	56	49	43
	20	STRESS	36000	331	262	212	175	147	126	108	94	83	73	65
		DEFLECTION	L/240	331	262	194	148	116	94	77	65	55	47	42
		DEFLECTION	L/180	331	262	212	175	147	122	99	83	70	60	52

TRIPLE	24	STRESS	36000	245	194	157	130	109	93	80	70	61	54	48
		DEFLECTION	L/240	221	158	118	91	72	59	49	42	36	32	28
		DEFLECTION	L/180	245	194	155	118	93	75	62	53	45	39	35
	22	STRESS	36000	323	255	206	171	143	122	105	92	81	71	64
		DEFLECTION	L/240	288	205	152	117	92	75	62	52	45	39	34
		DEFLECTION	L/180	323	255	200	152	120	96	79	66	56	49	43
	20	STRESS	36000	414	327	265	219	184	157	135	118	104	92	82
		DEFLECTION	L/240	369	262	194	148	116	94	77	65	55	47	42
		DEFLECTION	L/180	414	327	255	194	152	122	99	83	70	60	52

LOAD TABLES AND SECTION PROPERTIES WERE GENERATED BY THE SDI.

Standard Cover Width is 36".

\* Type "EVF" shall be vented in lower flutes with a .5% open area, .75% and 1.5% open areas available upon request.