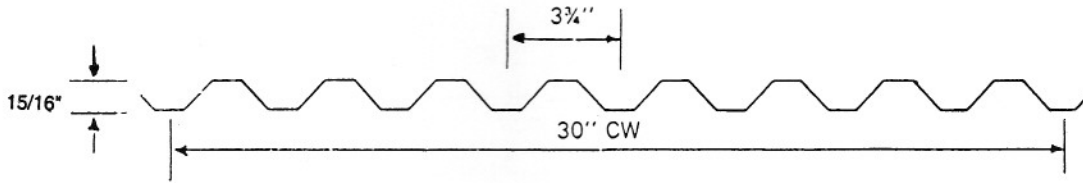


## TYPE "HF" HEAVY DUTY FORM DECK TYPE "HVF" HEAVY DUTY SLOT VENTED FORM DECK



### SECTION PROPERTIES $F_y=80$ KSI

DECK TYPE	DESIGN THICKNESS	WT. PSF	FINISH	I <sup>P</sup> IN. <sup>4</sup>	I <sup>N</sup> IN. <sup>4</sup>	S <sup>P</sup> IN. <sup>3</sup>	S <sup>N</sup> IN. <sup>3</sup>
26	.0179 IN.	1.00	GALV.	.036	.036	.070	.073
24	.0239 IN.	1.21	GALV.	.050	.050	.098	.098
22	.0295 IN.	1.48	GALV.	.062	.062	.124	.124
20	.0358 IN.	1.80	GALV.	.077	.077	.161	.161

DECK-SPAN	DECK TYPE	DESIGN THICKNESS		DECK SUPPORT SPACING (FT.-IN.)							POUNDS PER SQUARE FOOT	
				3-0	3-6	4-0	4-6	5-0	5-6	6-0	6-6	7-0
SIMPLE	26	STRESS	36000	172	126	97	76	62	51	43	37	32
		DEFLECTION	L/240	100	67	48	37	29	25	21	19	17
		DEFLECTION	L/180	130	86	61	46	36	29	25	22	19
	24	STRESS	36000	252	185	142	112	91	75	63	54	46
		DEFLECTION	L/240	138	90	64	48	38	31	26	23	20
		DEFLECTION	L/180	180	117	82	60	47	38	31	27	23
	22	STRESS	36000	332	244	187	148	120	99	83	71	61
		DEFLECTION	L/240	171	111	78	58	45	36	30	26	23
		DEFLECTION	L/180	224	146	100	73	56	45	37	31	27
	20	STRESS	36000	421	310	237	187	152	125	105	90	77
		DEFLECTION	L/240	205	133	92	68	52	42	34	29	25
		DEFLECTION	L/180	270	175	120	87	66	52	42	36	30

DOUBLE	26	STRESS	36000	183	134	103	81	66	54	46	39	34
		DEFLECTION	L/240	180	117	82	60	47	38	31	27	23
		DEFLECTION	L/180	183	134	103	77	59	47	38	32	28
	24	STRESS	36000	269	198	152	120	97	80	67	57	49
		DEFLECTION	L/240	252	162	112	82	62	49	40	34	29
		DEFLECTION	L/180	269	198	146	106	80	62	50	42	35
	22	STRESS	36000	345	254	194	153	124	103	86	74	63
		DEFLECTION	L/240	314	202	138	100	76	59	48	40	34
		DEFLECTION	L/180	345	254	181	130	98	76	61	50	42
	20	STRESS	36000	421	310	237	187	152	125	105	90	77
		DEFLECTION	L/240	379	242	166	119	90	70	56	46	39
		DEFLECTION	L/180	421	310	217	156	116	90	71	58	49

TRIPLE OR MORE	26	STRESS	36000	228	168	128	101	82	68	57	49	42
		DEFLECTION	L/240	180	117	82	60	47	38	31	27	23
		DEFLECTION	L/180	228	153	106	77	59	47	38	32	28
	24	STRESS	36000	337	247	189	150	121	100	84	72	62
		DEFLECTION	L/240	252	162	112	82	62	49	40	34	29
		DEFLECTION	L/180	333	213	146	106	80	62	51	42	35
	22	STRESS	36000	432	317	243	192	155	128	108	92	79
		DEFLECTION	L/240	314	202	138	100	76	59	48	40	34
		DEFLECTION	L/180	432	265	181	130	98	76	61	50	42
	20	STRESS	36000	527	387	296	234	190	157	132	112	97
		DEFLECTION	L/240	379	242	166	119	90	70	56	46	39
		DEFLECTION	L/180	502	320	217	156	116	90	71	58	49

LOAD TABLES AND SECTION PROPERTIES WERE GENERATED BY THE SDI.

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