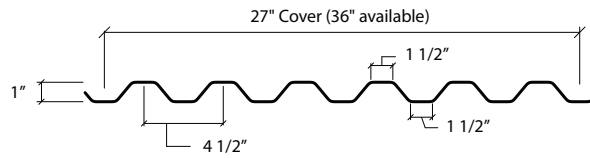


UF1X, U F1XV - F <sub>y</sub> = 80 ksi												
Metal Thickness		Section	Properties				AS D			LRFD		
Gage	Inches		Wt. (psf)	I <sub>p</sub> (in <sup>4</sup> )	S <sub>p</sub> (in <sup>3</sup> )	S <sub>n</sub> (in <sup>3</sup> )	V (lbs)	R <sub>be</sub> (lbs)	R <sub>bi</sub> (lbs)	V (lbs)	R <sub>be</sub> (lbs)	R <sub>bi</sub> (lbs)
26	0.0179		1.0	0.039	0.067	0.072	1540	460	660	2340	710	970
24	0.0239		1.3	0.055	0.098	0.105	2170	790	1170	3300	1210	1740
22	0.0295		1.6	0.071	0.129	0.137	2670	1170	1760	4070	1780	2620
20	0.0358		1.9	0.090	0.166	0.170	3240	1660	2550	4920	2550	3800



The bottom flange can accept a 3/4" shear stud.

UF1X, UF1X V

UNIFORM TOTAL LOAD / Load that Produces L/180 Deflection, psf											
	Gage	Span Condition	Span								
			3'0"	3'6"	4'0"	4'6"	5'0"	5'6"	6'0"	6'6"	7'0"
AS D	26	Single	179 / 126	131 / 80	101 / 53	79 / 37	64 / 27	53 / 21	45 / 16	38 / 12	33 / 10
		Double	176 / 304	138 / 192	106 / 128	84 / 90	68 / 66	57 / 49	48 / 38	41 / 30	35 / 24
		Triple	200 / 238	171 / 150	132 / 101	105 / 71	85 / 51	71 / 39	59 / 30	51 / 23	44 / 19
	24	Single	261 / 178	192 / 112	147 / 75	116 / 53	94 / 39	78 / 29	65 / 22	56 / 18	48 / 14
		Double	272 / 429	201 / 270	155 / 181	123 / 127	100 / 93	83 / 70	69 / 54	59 / 42	51 / 34
		Triple	336 / 336	250 / 212	192 / 142	153 / 100	124 / 73	103 / 55	87 / 42	74 / 33	64 / 26
	22	Single	344 / 230	253 / 145	194 / 97	153 / 68	124 / 50	102 / 37	86 / 29	73 / 23	63 / 18
		Double	354 / 554	262 / 349	202 / 234	160 / 164	130 / 120	108 / 90	91 / 69	77 / 54	67 / 44
		Triple	436 / 434	324 / 273	250 / 183	199 / 129	162 / 94	134 / 70	113 / 54	96 / 43	83 / 34
	20	Single	443 / 292	325 / 184	249 / 123	197 / 86	159 / 63	132 / 47	111 / 36	94 / 29	81 / 23
		Double	438 / 703	325 / 442	250 / 296	198 / 208	161 / 152	134 / 114	112 / 88	96 / 69	83 / 55
		Triple	541 / 550	402 / 346	310 / 232	246 / 163	200 / 119	166 / 89	140 / 69	119 / 54	103 / 43
LRFD	26	Single	283 / 126	208 / 80	159 / 53	126 / 37	102 / 27	84 / 21	71 / 16	60 / 12	52 / 10
		Double	259 / 304	219 / 192	168 / 128	133 / 90	108 / 66	90 / 49	75 / 38	64 / 30	56 / 24
		Triple	294 / 238	252 / 150	209 / 101	166 / 71	135 / 51	112 / 39	94 / 30	80 / 23	69 / 19
	24	Single	414 / 178	304 / 112	233 / 75	184 / 53	149 / 39	123 / 29	103 / 22	88 / 18	76 / 14
		Double	430 / 429	318 / 270	245 / 181	194 / 127	158 / 93	131 / 70	110 / 54	94 / 42	81 / 34
		Triple	527 / 336	394 / 212	304 / 142	241 / 100	196 / 73	163 / 55	137 / 42	117 / 33	101 / 26
	22	Single	545 / 230	400 / 145	306 / 97	242 / 68	196 / 50	162 / 37	136 / 29	116 / 23	100 / 18
		Double	559 / 554	414 / 349	319 / 234	253 / 164	206 / 120	170 / 90	143 / 69	122 / 54	106 / 44
		Triple	689 / 434	512 / 273	396 / 183	314 / 129	256 / 94	212 / 70	178 / 54	152 / 43	132 / 34
	20	Single	701 / 292	515 / 184	394 / 123	312 / 86	252 / 63	209 / 47	175 / 36	149 / 29	129 / 23
		Double	692 / 703	513 / 442	396 / 296	314 / 208	255 / 152	211 / 114	178 / 88	152 / 69	131 / 55
		Triple	852 / 550	635 / 346	490 / 232	390 / 163	317 / 119	263 / 89	221 / 69	189 / 54	163 / 43

NOTES:

Vented deck with 1.5% maximum open area is available for use with insulating fills. It is acceptable to ignore the contribution of the insulating fill and use the load table above, however, insulating fill manufacturers have determined load capacities of various combinations of fill and deck both with and without foamed plastic insulation boards. Refer to the fill manufacturer's literature for more specific loading limitations.

R<sub>be</sub> is the bearing capacity at an exterior condition based on 1 1/2" of bearing. R<sub>bi</sub> is the bearing capacity at an interior condition based on 3" of bearing.

# UF1X, UF1XV

