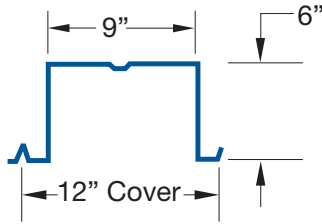
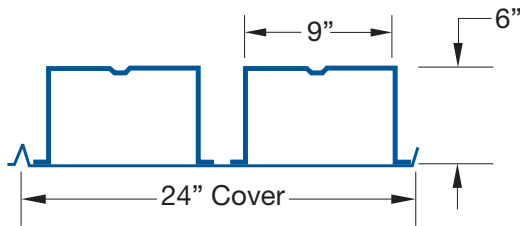
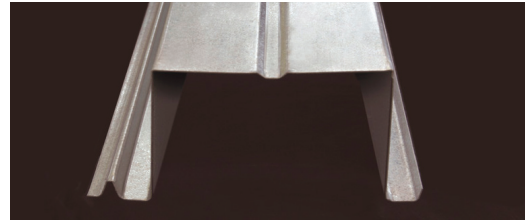


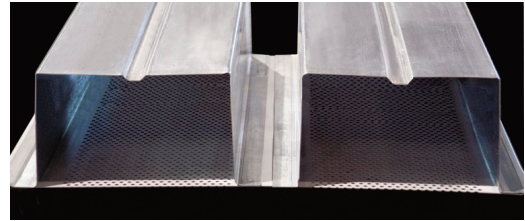
TYPE "H" & "H-CELLULAR" (6" DEEP ROOF DECK)



Type "H" Deck
Available in acoustical



Type "H-Cell" Deck
Available in acoustical



Section Properties (Fy=33 ksi)

Gage	Design Thickness	Weight (psf) Glv	Ip(In ⁴)	Sp(In ³)	Sn(In ³)
20	.0358	3.22	4.906	1.381	1.359
18	.0474	4.32	6.874	1.994	2.059
16	.0598	5.38	8.898	2.548	2.593

- Section properties calculated in accordance with AISI specifications

Gage	Weight (psf) Glv	Ip(In ⁴)	Sp(In ³)	Sn(In ³)
20/20	4.50	8.005	2.103	1.638
20/18	5.00	8.921	2.134	2.123
18/20	5.40	9.822	2.744	2.012
18/18	6.20	10.895	2.770	2.448
18/16	6.72	11.872	2.792	2.972
16/18	6.90	12.689	3.854	2.698
16/16	7.72	14.112	3.789	3.319

Type	Gage	Single Span Uniform Total Load in Pounds Per Square Foot (Dead and Live)															
		15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"	25'-0"	26'-0"	27'-0"	28'-0"	29'-0"	30'-0"
H	20	44	41	39	37	35	33	31	30	29	27	26	25	24	23	21	20
H	18	94	88	82	78	73	66	58	52	47	42	38	35	32	30	28	26
H	16	150	132	117	104	94	83	73	64	58	52	47	43	39	36	33	31
HC	20/20	44	41	39	37	35	33	31	30	29	27	26	25	24	23	23	22
HC	20/18	44	41	39	37	35	33	31	30	29	27	26	25	24	23	23	22
HC	18/20	94	88	82	78	74	70	67	64	61	56	51	46	42	39	36	33
HC	18/18	94	88	82	78	74	70	67	64	61	58	55	50	46	42	39	36
HC	18/16	94	88	82	78	74	70	67	64	61	58	56	54	49	45	41	38
HC	16/18	166	156	147	138	131	114	99	88	78	70	63	57	52	47	44	40
HC	16/16	166	156	147	138	131	125	110	97	86	77	69	62	57	52	47	44

- Notes: 1. Load tables are calculated using section properties based on the steel design thickness shown in the Steel Deck Institute (SDI) design manual.
2. Loads shown in the blue shaded areas are governed by the live load deflection not in excess of 1/240 of the span. A dead load of 10 psf has been included.
3. Loads shown in the beige shaded areas are controlled by a maximum stress of 20 ksi.
4. Loads unshaded are controlled by web crippling with a minimum 3" bearing.