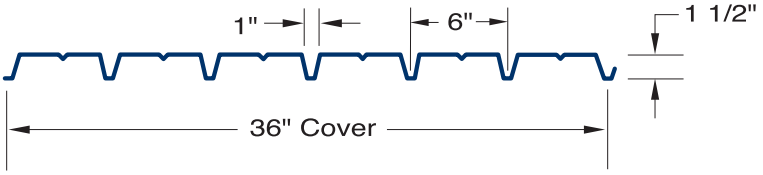
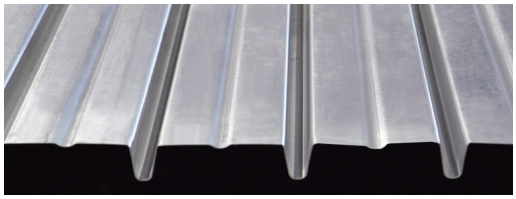
TYPE "A" ROOF DECK *(NARROW RIB)*





Helpful Hint: Type "A" deck is mainly used as a retrofit to match existing deck.

Section Properties (Fy=33 ksi)

Gage	Design Thickness	Weight (psf) Ptd	Galv	Ip(In⁴)	In(In⁴)	Sp(In³)	Sn(In³)
22	.0295	1.65	1.70	0.144	0.143	0.132	0.131
20	.0358	2.09	2.15	0.175	0.175	0.160	0.159
18	.0474	2.71	2.80	0.232	0.232	0.211	0.211
16	.0598	3.30	3.40	0.294	0.294	0.266	0.266

- Section properties calculated in accordance with AISI specifications

Gage	Span Cond	Max SDI Const Sp	Uniform Total Load in Pounds Per Square Foot (Dead and Live)										
			4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"
22	One	5'-5"	108	85	69	57	48	41	35	30			
20		6'-0"	131	104	84	69	58	49	43	37	32		
18		6'-11"	174	137	111	92	77	65	54	46	39	34	30
16		7'-9"		173	140	116	97	80	66	55	47	41	36
22	Two	6'-4"	108	85	69	57	48	40	35	30			
20		7'-0"	131	103	84	69	58	49	42	37	32		
18		8'-1"	174	137	111	92	77	66	56	49	43	38	34
16		9'-1"		173	140	116	97	83	71	62	54	48	43
22	Three or More	6'-4"	135	106	86	71	60	51	44	38	33		
20		7'-0"	164	129	105	86	73	62	53	46	41	36	32
18		8'-1"		172	139	115	96	82	71	62	54	48	43
16		9'-1"			175	145	122	104	89	78	68	60	54

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 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.

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