

1 1/2" TYPE B ROOF DECK		Sectional Properties				
	Type	Design Thickness	Ip In.⁴/Ft.	Sp In.³/Ft.	S_n In.³/Ft.	
	22	.0295	0.157	0.181	0.191	
	20	.0358	0.203	0.224	0.234	
	18	.0474	0.291	0.304	0.312	
	16	.0600	0.374	0.391	0.394	

Allowable Uniform Total Load-PSF												
Number Of Spans	Type	Span – Feet & Inches										
		5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"
1 Span	22	92	72	58	47	40	34	30				
	20	116	90	72	58	49	42	36	32			
	18	162	125	98	79	66	55	47	41	36	32	
	16	206	157	123	99	81	68	58	50	44	39	35
2 Span	22	100	82	69	59	51	45	39	35	31		
	20	122	101	85	73	63	55	48	43	38	34	31
	18	163	135	113	97	84	73	64	57	51	45	41
	16	205	170	143	122	105	92	81	72	64	57	52
3 Span	22	124	103	86	74	64	56	49	43	39	35	31
	20	152	126	106	91	78	68	60	53	46	41	36
	18	202	168	141	121	104	91	80	69	60	52	46
	16	255	211	178	152	131	115	101	85	74	64	56

FACTORY MUTUAL APPROVED SPANS	TYPE		
	22	20	18
	6'-0"	6'-6"	7'-5"

All data taken from manufacturer's catalogs and is presented for estimating purposes only. All loads are governed by the allowable flexural stress limit of 20,000 psi for a 33,000 psi minimum yield steel.

Section properties have been determined in accordance with the American Iron and Steel Institute's Specifications for the Design of Cold Formed Steel Structural Members.

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CARRON AND COMPANY