

1 1/2" TYPE F ROOF DECK		Sectional Properties				
	Type	Design Thickness	I_p In.⁴/Ft.	S_p In.³/Ft.	S_n In.³/Ft.	
	22	.0295	0.121	0.120	0.131	
	20	.0358	0.156	0.150	0.160	
	18	.0474	0.223	0.204	0.211	

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	63	52	44	38	32						
	20	79	65	55	47	40	35	31				
	18	108	89	75	63	53	45	38	34	30		
2 Span	22	69	57	48	41	35	31					
	20	84	69	58	50	43	37	33				
	18	111	92	77	66	57	49	43	38	34	31	
3 Span	22	86	71	60	51	44	38	34	30			
	20	105	86	73	62	54	47	41	36	32		
	18	138	114	96	82	71	62	54	48	43	38	35

FACTORY MUTUAL APPROVED SPANS	TYPE		
	22	20	18
	4'-11"	5'-5"	6'-3"

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