

3" TYPE N ROOF DECK		Sectional Properties				
	Type	Design Thickness	Ip In. <sup>4</sup> /Ft.	Sp In. <sup>3</sup> /Ft.	Sn In. <sup>3</sup> /Ft.	
	22	.0295	0.675	0.390	0.439	
	20	.0358	0.870	0.500	0.555	
	18	.0474	1.266	0.686	0.745	

Allowable Uniform Total Load-PSF												
Number Of Spans	Type	Span – Feet & Inches										
		9'-0"	9'-6"	10'-0"	10'-6"	11'-0"	11'-6"	12'-0"	12'-6"	13'-0"	13'-6"	14'-0"
1 Span	22	64	57	51	47	43	39	36				
	20	81	73	66	59	53	48	43	39	36		
	18	112	100	91	82	72	65	58	53	48	44	40
2 Span	22	69	63	57	52	47	43	40	37	34		
	20	89	80	73	66	60	55	51	47	43	40	37
	18	120	108	98	89	81	74	68	63	58	54	50
3 Span	22	78	74	70	65	59	54	50	46	42	39	37
	20	111	100	90	82	75	68	63	58	54	50	46
	18	150	135	122	111	101	92	85	78	72	67	62

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**