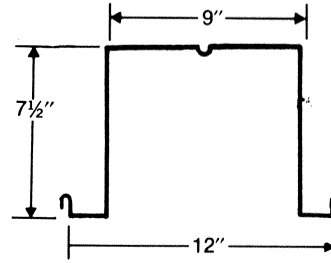


SECTION 5-7.5



PROPERTIES

DECK DESIGNATION	SECTION AND GAUGE	ACTUAL WT./SQ. FOOT POUNDS	OVER-ALL DEPTH in.	MOM. OF INERTIA in. ⁴	SECTION MODULUS + MOMENT in. ³	SECTION MODULUS - MOMENT in. ³	ALLOWABLE	
							END * REACTION lbs./ft.	INTER- * MEDIATE REACTION lbs./ft.
SECTION 5-7.5	5-7.5-18	5.1	7.548	10.59	2.56	2.79	716	2332
	5-7.5-16	6.4	7.560	14.21	3.31	3.48	1236	3428
	5-7.5-14	7.9	7.575	18.44	4.22	4.33	2051	4981
	5-7.5-13	9.4	7.590	22.36	5.11	5.19	3059	6757
	5-7.5-12	10.9	7.605	26.35	6.03	6.03	4246	8729

* End Bearing = 3" Intermediate Bearing = 7 1/2"

LOAD-SPAN TABLES

ALLOWABLE UNIFORM TOTAL LOADS IN POUNDS PER SQUARE FOOT

DECK SECTION	GAUGE	RIB DEPTH	TYPE OF SPAN	PURLIN SPACING IN FEET											
SECTION 5-7.5 MAX. LENGTH 40'-0"	18	7 1/2"	SIMPLE DOUBLE	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0		
				89	84	79	75	72	68	65	61	53	47		
	16	7 1/2"	SIMPLE DOUBLE	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0
				110	100	91	80	69	61	54	48	43	39	36	33

Refer to page seven for additional design/erection considerations and limitations.