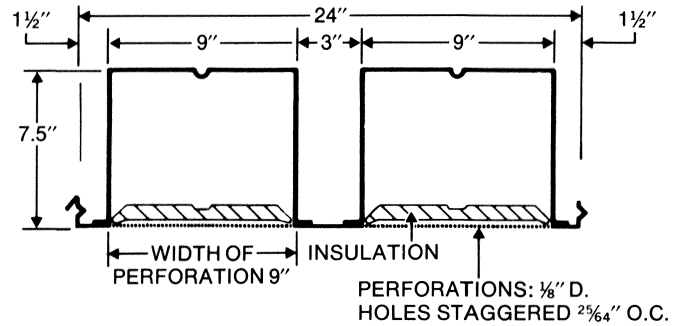
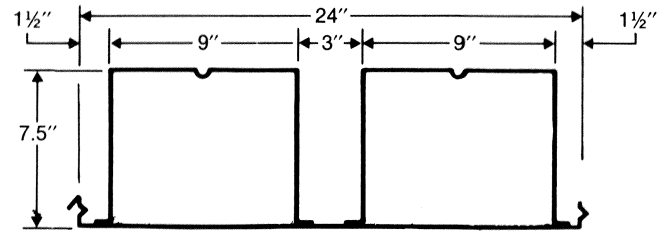




DC-7.5
ADC-7.5



PROPERTIES

SECTION AND GAUGE	DC-ACTUAL WT./SQ. FOOT POUNDS ¹	OVER-ALL DEPTH in.	DC DECK			ADC DECK			ALLOWABLE	
			MOM. OF INERTIA in. ⁴	SECTION MODULUS +MOMENT in. ³	SECTION MODULUS -MOMENT in. ³	MOM. OF INERTIA in. ⁴	SECTION MODULUS +MOMENT in. ³	SECTION MODULUS -MOMENT in. ³	END* REACTION lbs./ft.	INTER-* MEDIATE REACTION lbs./ft.
7.5-18/18	6.6	7.595	16.44	3.20	3.73	15.83	3.16	3.50	716	2332
7.5-18/16	6.9	7.608	17.66	3.27	4.14	17.01	3.23	4.06	716	2332
7.5-16/18	7.7	7.608	20.68	4.46	4.21	19.90	4.40	3.99	1236	3428
7.5-16/16	8.0	7.620	22.28	4.56	4.92	21.42	4.50	4.57	1236	3428
7.5-16/14	9.2	7.635	23.99	4.66	5.23	23.08	4.61	5.12	1236	3428
7.5-14/16	9.6	7.635	27.15	6.07	5.52	26.11	6.00	5.17	2051	4981
7.5-14/14	10.0	7.649	29.29	6.21	6.38	28.14	6.14	5.94	2051	4981
7.5-13/16	11.0	7.650	31.44	7.55	6.11	30.25	7.45	5.76	3059	6757

¹ADC weights are approximately 4% less.

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

LOAD-SPAN TABLES

ALLOWABLE UNIFORM TOTAL LOADS IN POUNDS PER SQUARE FOOT

GAUGE	RIB DEPTH	TYPE OF SPAN	DC-7.5									ADC-7.5								
			PURLIN SPACING IN FEET									PURLIN SPACING IN FEET								
18/18	7 1/2"	SIMPLE	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0		
			95	89	84	79	75	71	68	65	95	89	84	79	75	71	68	65		
			124	116	110	103	98	93	124	116	110	103	98	93						
18/16	7 1/2"	SIMPLE	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0		
			95	89	84	79	75	71	68	65	95	89	84	79	75	71	68	65		
			124	116	110	103	98	93	124	116	110	103	98	93						
16/18	7 1/2"	SIMPLE	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0		
			112	107	96	84	74	65	58	53	112	107	93	81	71	63	56	51		
			112	107	103	88	78	69	62	56	112	107	99	86	76	67	60	54		
16/16	7 1/2"	SIMPLE	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0		
			112	107	103	88	78	69	62	56	112	107	99	86	76	67	60	54		
			112	107	103	88	78	69	62	56	112	107	99	86	76	67	60	54		

For spans not shown on charts, please consult your Robertson sales representative. Refer to page seven for additional design/erection considerations and limitations.