

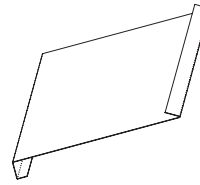
LOAD TABLES

STEEL
ASTM A653
SS 50

9" COVERAGE

BERMUDA PANEL

HBS090



22 GAUGE FY= 50 KSI
 I=0.018 IN⁴/FT S=0.028 IN³/FT
 L/180 DEFLECTION CRITERIA

SPAN (FT)	SIMPLE SPAN		TWO EQUAL SPANS			THREE EQUAL SPANS		
	W(PSF)	RE	W(PSF)	RE	RI	W(PSF)	RE	RI
1.00	380.00	190.0	152.00	57.0	190.0	172.73	69.1	190.0
1.25	304.00	190.0	121.60	57.0	190.0	138.18	69.1	190.0
1.50	253.33	190.0	101.33	57.0	190.0	115.15	69.1	190.0
1.75	217.14	190.0	86.86	57.0	190.0	98.70	69.1	190.0
2.00	186.67	186.7	76.00	57.0	190.0	86.36	69.1	190.0
2.25	138.13	155.4	67.56	57.0	190.0	76.77	69.1	190.0
2.50	100.69	125.9	60.80	57.0	190.0	69.09	69.1	190.0
2.75	75.65	104.0	55.27	57.0	190.0	62.81	69.1	190.0
3.00	58.27	87.4	50.67	57.0	190.0	57.58	69.1	190.0
3.25	45.83	74.5	46.77	57.0	190.0	53.15	69.1	190.0
3.50	36.70	64.2	43.43	57.0	190.0	49.35	69.1	190.0
3.75	29.84	55.9	40.53	57.0	190.0	46.06	69.1	190.0
4.00	24.58	49.2	38.00	57.0	190.0	43.18	69.1	190.0
4.25	20.50	43.6	35.76	57.0	190.0	40.64	69.1	190.0
4.50	17.27	38.8	33.78	57.0	190.0	34.68	62.4	171.6
4.75	14.68	34.9	32.00	57.0	190.0	29.48	56.0	154.1
5.00	12.59	31.5	29.87	56.0	186.7	25.28	50.6	139.0

Notes:

1. W = Allowable uniform load.
2. RE= End support reaction at allow. load (#/FT)
3. RI = Intermediate support reaction at allow. load (#/FT)
4. Allowable end support reaction 190 #/FT.
5. Allowable intermediate support reaction is 190 #/FT.
6. Since allowable loads and spans can be affected by actual conditions of use, information in these tables is intended for use only by those qualified to assess these effects.