Berridge Double-Rib Panel Load Chart

PLYWOOD



Double-Rib Panel Properties Based on 24 Gauge 40 K.S.I.							
	l _x (in⁴/ft)	S _x (in ³ /ft)	M _A (in-kip/ft)				
Top in Compression	0.0021	0.0055	0.13				
Bottom in Compression	0.0017	0.0049	0.12				

NOTES:

1) Values based on 2001 edition of AISI.

2) Values based on panel only.

15/32" Plywood (Galvalume Substrate)								
Gauge of Panel	Detail	Spacing (in)	Fastener	Fastener Quantity	Allowable (psf)	Ultimate (psf)		
24	Α	12	#14-10 HWH Type A	1	131	262		
24	В	12	#14-10 HWH Type A	1	138.50	277		
24	В	14	#14-10 HWH Type A	1	128.50	257		
24	В	16	#14-10 HWH Type A	1	118.50	237		
24	В	18	#14-10 HWH Type A	1	108.50	217		
24	В	20	#14-10 HWH Type A	1	98.50	197		
24	В	22	#14-10 HWH Type A	1	88.50	177		
24	В	24	#14-10 HWH Type A	1	78.50	157		

NOTES:

1) All test results determined through UL580 testing standards.

2) All fasteners to be longlife fasteners with neoprene washers.



CORPORATE HEADQUARTERS

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Detail A



Detail B



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