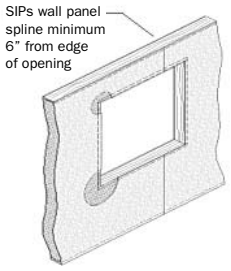
Load Chart 8: Allowable Header Loads (plf)
Condition 2–Panel is Not Continuous Over Opening (Splines)

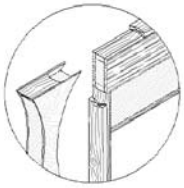
Header Depth	Deflection	Header Span (ft.)			
		4’	6’	8’	10’
12”	L/480	345	243	156	99
	L/360	450	295	190	125
	L/240	630	382	236*	153*
18”	L/480	705	388	254	235
	L/360	750*	482	302*	281*
	L/240	750*	482	302*	281*
24”	L/480	698	582*	368*	350*
	L/360	895*	582*	368*	350*
	L/240	895*	582*	368*	350*



* indicates ultimate load divided by 3 for the design capacity.
In all cases where a concentrated load is placed over on opening or the design loads exceed the capacity of a panel header, Premier Insul-Beam II should be used if possible or an engineered header assembly is required.
More information on this chart can be found in Technical Bulletin #10 (www.pbssips.com).

Load Chart 9: Premier Insul-Beam II Header Loads (plf)

No. of Trimmer Studs	Deflection	Header Span (ft.)						
		2’	3’	4’	5’	6’	7’	8’
1	L/480	3150	2100	1575	1260	1050	900	788
	L/360	3150	2100	1575	1260	1050	900	788
	L/240	3150	2100	1575	1260	1050	900	788
2	L/480	6300	4200	3150	2520	2100	1800	1545
	L/360	6300	4200	3150	2520	2100	1800	1575
	L/240	6300	4200	3150	2520	2100	1800	1575



No. of Trimmer Studs	Deflection	Header Span (ft.)							
		9’	10’	11’	12’	13’	14’	15’	16’
1	L/480	700	630	573	458	360	288	234	193
	L/360	700	630	573	525	480	384	313	257
	L/240	700	630	573	525	485	450	420	386
2	L/480	1085	791	594	458	360	288	234	193
	L/360	1400	1055	792	610	480	384	313	257
	L/240	1400	1245	792	864	720	577	469	386

Values listed for each deflection represent the least value of the bearing capacity of the trimmer, shear or bending capacity of the header or the actual deflection at the design load.
Refer to Technical Bulletin #30 for supporting headers in PBS Wall SIPs (www.pbssips.com).
Note: Trimmer stud design capacities must be reviewed.