



PREMIER SIPS
STRUCTURAL INSULATED PANELS

PREMIER HEADERS



PRODUCT OVERVIEW

Premier SIPS Headers are high performance structural header beams which utilizes a closed cell, light weight resilient rigid insulating material.

Environmentally Friendly

Contains no formaldehyde or ozone-depleting CFCs or HCFCs, contains recycled material, and is 100% recyclable if ever removed.

Stable R-Value

Designers are well served knowing that the rigid insulation's thermal properties will remain stable over its entire service life. There is no thermal drift, so the product is eligible for a Premier Building System's warranty.



Proven Performance

The same fundamental rigid insulation chemistry has been in use since the mid-1950s, so the actual performance of the product is well known.

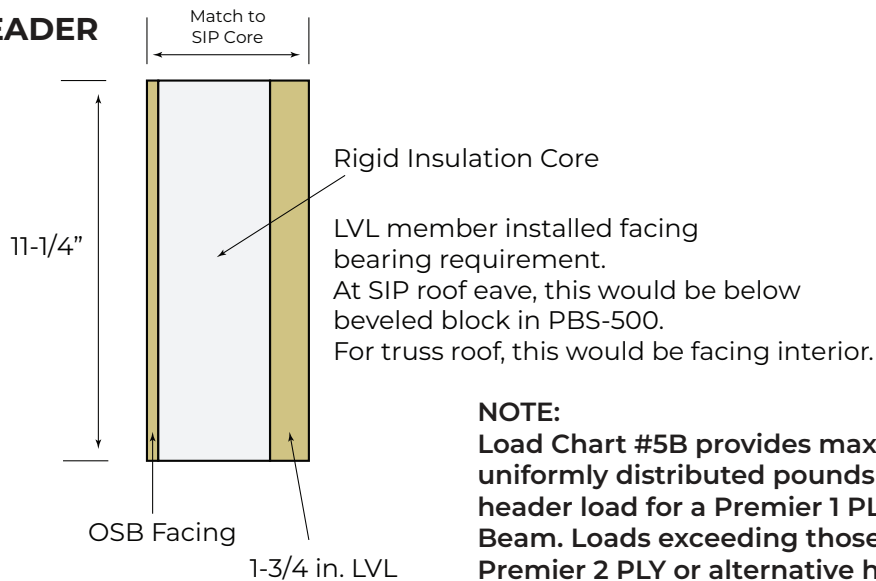


Premier 1 PLY Insulated Header Beams Uniform Loads - PLF ¹								
No. of Trimmer Studs	Deflection	Header Span (ft.)						
		2'	3'	4'	5'	6'	7'	8'
1	L/480	1968	1312	984	787	656	562	492
	L/360	1968	1312	984	787	656	562	492
	L/240	1968	1312	984	787	656	562	492
2	L/480	3937	2625	1968	1575	1312	1125	901
	L/360	3937	2625	1968	1575	1312	1125	984
	L/240	3937	2625	1968	1575	1312	1125	984

No. of Trimmer Studs	Deflection	Header Span (ft.)							
		9'	10'	11'	12'	13'	14'	15'	16'
1	L/480	437	393	346	267	210	168	136	112
	L/360	437	393	357	328	280	224	182	150
	L/240	437	393	357	328	302	281	262	225
2	L/480	632	461	346	267	210	168	136	112
	L/360	843	615	462	356	280	224	182	150
	L/240	875	769	635	534	420	336	273	225

¹ Values listed for each deflection represent the least value of the bearing capacity of the trimmer, shear or bearing capacity of the header or the actual deflection at the design load. Trimmer stud design capacities must be reviewed. LVL denotes 1-3/4" x 11-1/4" 2,0E RedLam material where E = 2,000,000 psi, Fb = 3,125 psi, Fv = 285 psi, and Fc-perp = 750 psi. Duration factors have not been applied to these capacities. The effects of long-term loading have not been included.

1 PLY HEADER

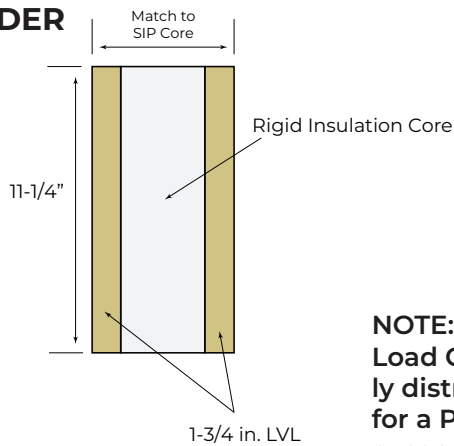


Premier 2 PLY Insulated Header Beams Uniform Loads - PLF ¹								
No. of Trimmer Studs	Deflection	Header Span (ft.)						
		2'	3'	4'	5'	6'	7'	8'
1	L/480	3937	2625	1968	1575	1312	1125	984
	L/360	3937	2625	1968	1575	1312	1125	984
	L/240	3937	2625	1968	1575	1312	1125	984
2	L/480	7875	5250	3937	3150	2625	2250	1802
	L/360	7875	5250	3937	3150	2625	2250	1968
	L/240	7875	5250	3937	3150	2625	2250	1968

No. of Trimmer Studs	Deflection	Header Span (ft.)							
		9'	10'	11'	12'	13'	14'	15'	16'
1	L/480	875	787	693	534	420	336	273	225
	L/360	875	787	715	656	560	446	364	300
	L/240	875	787	715	656	650	562	525	450
2	L/480	1265	922	693	534	420	336	273	225
	L/360	1687	1230	924	712	560	448	364	300
	L/240	1750	1538	1271	1068	840	672	546	450

¹ Values listed for each deflection represent the least value of the bearing capacity of the trimmer, shear or beading capacity of the header or the actual deflection at the design load. Trimmer stud design capacities must be reviewed. LVL denotes 1-3/4" x 11-1/4" 2,0E RedLam material where E = 2,000,000 psi, Fb = 3,125 psi, Fv = 285 psi and Fc-perp = 750 psi. Duration factors have not been applied to these capacities. The effect of long-term loading have not been included.

2 PLY HEADER



NOTE:

Load Chart #5C provides maximum allowable uniformly distributed pounds per lineal foot (PLF) header load for a Premier 2 PLY Insulated Header Beam. Loads exceeding those allowed require alternative header.