1.9E PRG®

Power Rated Glulam

I-Joist Compatible Depths

Framing Lumber Depths

Full 3 1/2" and 5 1/2" Widths

One Piece Installation

Balanced Lay-up with No Camber

Excellent Fire Performance

ANTHONY®
ANTHONY FOREST PRODUCTS CO.

CANFOR

ANTHONY FOREST PRODUCTS

History

Canfor is one of the world's largest producers of sustainable lumber, pulp and paper and is also a North American leader in green energy production. We've built our reputation on the quality of our products, the reliability of our supply and our superior customer service.

Canfor Southern Pine Inc., headquartered in Mobile, Alabama, is the operating company for all of Canfor's operations in the southern United States.

Canfor's presence in the US dates back to 2006 and has continued to grow over the past decade. This includes the 2015 acquisition of Anthony Forest Products Company LLC and its sawmill in Urbana, Arkansas and engineered wood laminating plants in El Dorado, Arkansas and Washington, Georgia.

The Urbana sawmill has undergone considerable capital improvements over the past couple of years to increase production and efficiencies. It has increased the volume of quality laminating stock along with the other Canfor Southern Pine sawmills to ensure both glulam plants are fully integrated with an uninterrupted supply of laminating stock lumber from our own sawmills.

Not only has our sawmill diversified with changing markets, our laminating plants have diversified to create new products like PRG® to meet customer demands.

NEW DESIGN VALUES

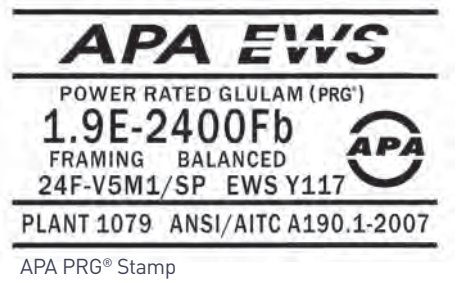
The lowering of design values for visually graded Southern Pine lumber on June 1, 2013 opened up new opportunities for Anthony Power Products® like PRG®. Shorter spans for dimension lumber and built up lumber headers and beams gave way to more PRG®, Power Beam®, and stock 24F glulam being used in the same project. Although Southern Pine visual design values were reduced effecting lumber spans, Anthony Forest Products glulam Power Products® were not affected by lower design values since special grading rules and MSR machines are in place to mechanically grade the lumber.

POWER PRODUCTS® CERTIFIED BY SFI

The Sustainable Forestry Initiative® (SFI) program is a comprehensive system of principles, objectives, and performance measures developed by professional foresters, conservationists and scientists, among others that combines the perpetual growing and harvesting of trees with the long term protection of wildlife, plants, soil and water quality. There are currently close to 285 million acres/115 million hectares of forestland in North America enrolled in the SFI® program, making it among the world's largest sustainable forestry programs.

SFI Beam Stamp

PRG® Beam End Tag



APA PRG® Stamp

Lion's Club Golf Course Club House

WHY POWER RATED GLULAM?

- Full 3 ½" and 5 ½" widths at IJC depths for flush framing
- Easily substitutable for SCL in most applications
- Eliminates the issues of cupped and/or swollen SCL
- Fast, easy one piece installation with conventional wood framing tools
- Takes the confusion out of proper connections of multi-ply SCL or lumber
- Readily available and an economical alternative to other engineered wood products
- Balanced layup makes PRG® a natural choice for simple, multi and cantilever span applications
- PRG® falls under the building code category of heavy timber, therefore, it has excellent fire performance
- Free Power Sizer® software for easy to use single member sizing

PRG®/SCL Load Comparison Table[1] (LDF = 1.00)
(Total Load/Live Load in PLF)

Product	Grade MOE x 10^6 - F_b	3 1/2" x 11 7/8"				3 1/2" x 14"	
		14' Span	16' Span	18' Span	20' Span	18' Span	20' Span
SCL	2.0 - 3100	779/527	518/353	360/248	259/181	590/407	430/296
SCL	2.0 - 2900	723/490	489/334	344/237	250/174	560/382	409/282
SCL	1.9 - 2600	685/465	475/325	330/228	236/165	537/368	387/267
PRG®	1.9 - 2400	661/475	467/318	325/223	234/163	537/366	388/267
LSL 1.75	1.8 - 2500	628/428	424/290	296/203	214/152	484/334	352/246

[1]Notes:
- Three grades of SCL shown representing majority range of USA production.
- PRG® within 90% of allowable total load comparison for deflection and 80+% on bending control with all SCL shown.
- When drawing in PRG®, the same size PRG® works for the same size SCL 90% of the time.
- Bottom Line - PRG® comes in at lower installed cost.

Features

Code Evaluations/Standards: APA ICC-ESR 1940, ANSI/APA A190.1 and ASTM D-3737.

AFP Power Sizer® Software: An easy-to-use structural analysis program of sizing AFP Power Products®. Power Products® data bases also included in Mitek Sapphire, iStruct™ and Alpine Software.

Quality Assurance: Power Rated Glulam is manufactured in accordance with ANSI/APA A190.1 (Structural Glued Laminated Timber) with appropriate modifications. Plant implemented Total Quality Management, statistical process control procedures and APA-The Engineered Wood Association as our third party quality assurance program; ensures consistent quality and performance in every Power Rated Glulam.

Warranty: All Power Rated Glulam are covered under a limited lifetime warranty.

1.9E POWER RATED GLULAM (PRG®)

Power Rated Glulam Design Properties

Product	Grade	Modulus of Elasticity (10^6 psi)[1]			Flexural Stress F_b (psi)[2]		Horizontal Shear F_v (psi)	Compression Perpendicular to Grain $F_{c\perp}$ (psi)
		True	Apparent	Beam Stability	Tension Zone	Compression Zone		
Power Rated Glulam[3] (PRG)	1.9 E	1.9	1.8	0.95	2,400	2,400	300	740

(1) The tabulated E values include True E (also known as "shear free" E), apparent E, and E for beam stability calculation (NDS 3.4.3.8). For calculating beam deflections, the tabulated E_{app} values shall be used unless the shear deflection is determined in addition to bending deflection based on the tablulated E_{true}.

The axial modulus of elasticity, E_{axial} and $E_{axial\ min}$, shall be equal to the tabulated $E_{y\ true}$ and $E_{y\ min}$ values.

(2) F_b shall be adjusted by the volume effect factor using the following formula: $C_v = (5.125/b)^{1/20} \times (12/d)^{1/20} \times (21/L)^{1/20} \leqslant 1.0$
where: b = beam width (in.)
d = beam depth (in.)
L = beam length (ft.)

(3) Power Rated Glulam combination symbol is 24F-V5M1 SYP, balanced layup and no camber.

Power Rated Glulam Section Properties and Allowable Capacities

PRG 24F-1.9E Dry-Use F_b=2,400 psi F_v=300psi E=1.9 x 10^6 psi $F_{c\perp}$=740 psi

Width (in.)	Depth (in.)	Weight (lbf/ft.)[1]	Moment of Inertia (in^4)	Maximum Resistive Moment (ft.-lbf)[2]			Maximum Resistive Shear (lbf)		
				100%	115%	125%	100%	115%	125%
3 1/2	9 1/4	8.5	231	9,982	11,479	12,478	6,475	7,446	8,094
	9 1/2	8.8	250	10,858	12,487	13,573	6,650	7,648	8,313
	11 1/4	10.4	415	15,099	17,364	18,874	7,875	9,056	9,844
	11 7/8	11.0	489	16,791	19,310	20,989	8,316	9,563	10,395
	14	12.9	800	23,128	26,597	28,910	9,800	11,270	12,250
	16	14.8	1,195	30,007	34,508	37,509	11,200	12,880	14,000
	18	16.6	1,701	37,800	43,470	47,250	12,600	14,490	15,750
5 1/2	9 1/4	13.4	363	15,686	18,039	19,608	10,175	11,701	12,719
	9 1/2	13.8	393	16,681	19,183	20,851	10,450	12,018	13,063
	11 1/4	16.3	653	23,133	26,603	28,916	12,375	14,231	15,469
	11 7/8	17.2	768	25,585	29,423	31,981	13,068	15,028	16,335
	14	20.3	1,258	35,532	40,862	44,415	15,400	17,710	22,138
	16	23.2	1,877	46,400	53,360	58,000	17,600	20,240	25,300
	18	26.1	2,673	58,725	67,534	73,406	19,800	22,770	24,750

(1) Beam weight is assumed to be 38 pcf.
(2) Maximum resistive moment shall be adjusted by the volume factor in foot note 2 for spans over 21'. All spans under 21' have already been adjusted to the volume effect factor above.

1.9E PRG® FLOOR LOAD TABLES IN PLF (100% Load Duration)

Table Key: Top Figure- Max. Total Load L/240. Middle Figure- Max. Live Load L/360. Bottom Figure- Min. required bearing length at end/Intermediate Supports (inches)

LOAD TYPE	SPAN	Width (in.)													
		3 1/2							5 1/2						
		Depth (in.)													
		9 1/4	9 1/2	11 1/4	11 7/8	14	16	18	9 1/4	9 1/2	11 1/4	11 7/8	14	16	18
Total Load (plf)		1239	1,308	1,836	2,046	2,544	3,041	3,584	1,948	2,055	2,884	3,215	3,998	4,778	5,632
Live Load (plf)	8'	1202	1,302						1,889	2,047					
Min. End/Int. Bearing (in.)		1.9/4.8	2.0/5.1	2.8/7.1	3.2/7.9	3.9/9.9	4.7/11.8	5.6/13.9	1.9/4.8	2.0/5.1	2.8/7.1	3.2/7.9	3.9/9.9	4.7/11.8	5.6/13.9
Total Load (plf)		876	924	1299	1447	2014	2632	3334	1377	1453	2041	2275	3165	4137	5239
Live Load (plf)	9' 6"	718	778	1292					1128	1222	2030	2387			
Min. End/Int. Bearing (in.)		1.6/4	1.7/4.2	2.4/6	2.7/6.6	3.7/9.2	4.8/12	6.1/15.2	1.6/4	1.7/4.2	2.4/6.0	2.7/6.7	3.7/9.2	4.8/12	6.1/15.3
Total Load (plf)		790	834	1,171	1,306	1,817	2,264	2,637	1,242	1,311	1,840	2,052	2,855	3,558	4,144
Live Load (plf)	10'	616	667	1,107	1,302				967	1,048	1,740	2,047			
Min. End/Int. Bearing (in.)		1.6/3.8	1.6/4.1	2.3/5.7	2.5/6.4	3.5/8.8	4.4/11.0	5.1/12.8	1.6/3.8	1.6/4.1	2.3/5.7	2.5/6.4	3.5/8.8	4.4/11.0	5.1/12.8
Total Load (plf)		525	571	810	904	1,258	1,645	2,084	827	897	1,273	1,420	1,977	2,585	3,275
Live Load (plf)	12'	356	386	641	754	1,235			560	606	1,007	1,184	1,941		
Min. End/Int. Bearing (in.)		1.5/3.5	1.5/3.5	1.9/4.7	2.1/5.3	2.9/7.4	3.8/9.6	4.9/12.2	1.5/3.5	1.5/3.5	1.9/4.7	2.1/5.3	2.9/7.4	3.8/9.6	4.9/12.2
Total Load (plf)		328	356	593	661	921	1,205	1,527	516	560	931	1,039	1,447	1,894	2,391
Live Load (plf)	14'	224	243	404	475	778	1,161		353	382	634	746	1,222	1,824	
Min. End/Int. Bearing (in.)		1.5/3.0	1.5/3.5	1.6/4	1.8/4.5	2.5/6.3	3.3/8.2	4.2/10.4	1.5/3.0	1.5/3.5	1.6/4	1.8/4.5	2.5/6.3	3.3/8.2	4.2/10.4
Total Load (plf)		216	236	396	467	702	919	1,166	341	371	621	733	1,104	1,438	1,813
Live Load (plf)	16'	150	163	270	318	521	778	1,107	236	256	425	500	819	1,222	1,740
Min. End/Int. Bearing (in.)		1.5/3.0	1.5/3.5	1.5/3.5	1.5/3.7	2.2/5.5	2.9/7.2	3.6/9.1	1.5/3.0	1.5/3.5	1.5/3.5	1.5/3.7	2.2/5.5	2.9/7.2	3.6/9.0
Total Load (plf)		197	214	360	424	659	863	1,094	310	336	565	666	1,036	1,356	1,719
Live Load (plf)	16' 6"	137	148	225	290	475	709	1,010	215	233	387	456	747	1,114	1,587
Min. End/Int. Bearing (in.)		1.5/3.0	1.5/3.0	1.5/3.0	1.5/3.5	2/5.3	2.7/6.9	3.5/8.7	1.5/3.0	1.5/3.0	1.5/3.0	1.5/3.5	2.1/5.3	2.75/6.9	3.5/8.7
Total Load (plf)		149	163	275	325	537	723	918	236	256	432	510	843	1,125	1,418
Live Load (plf)	18'	106	114	190	223	366	546	778	166	180	298	351	575	858	1,222
Min. End/Int. Bearing (in.)		1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.5	1.9/4.8	2.6/6.4	3.2/8.1	1.5/3.0	1.5/3.0	1.5/3.0	1.5/3.5	1.9/4.8	2.5/6.3	3.2/8.0
Total Load (plf)		137	149	252	298	493	683	867	216	234	396	468	775	1,074	1,362
Live Load (plf)	18' 6"	97	105	175	206	337	503	716	153	166	275	323	530	791	1,126
Min. End/Int. Bearing (in.)		1.5/3.0	1.5/3.0	1.5/3.0	1.5/3.0	1.8/4.4	2.5/6.1	3.1/7.8	1.5/3.0	1.5/3.0	1.5/3.0	1.5/3.0	1.8/4.4	2.5/6.1	3.1/7.8
Total Load (plf)		106	117	198	234	388	583	740	168	183	310	367	610	902	1,138
Live Load (plf)	20'	77	83	138	163	267	398	567	121	131	218	256	419	626	891
Min. End/Int. Bearing (in.)		1.5/3.0	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.9	2.3/5.8	2.9/7.3	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.5	1.5/3.9	2.3/5.7	2.9/7.1
Total Load (plf)		78	86	146	173	288	435	607	123	135	229	272	453	683	932
Live Load (plf)	22'	58	63	104	122	200	299	426	91	98	163	192	315	470	669
Min. End/Int. Bearing (in.)		1.5/3.0	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.5	1.9/4.8	2.6/6.6	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.5	1.5/3.5	1.9/4.8	2.6/6.5
Total Load (plf)		58	63	110	131	219	332	476	92	101	173	206	345	521	749
Live Load (plf)	24'	45	48	80	94	154	230	328	70	76	126	148	243	362	516
Min. End/Int. Bearing (in.)		1.5/3.0	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.5	1.6/4.0	2.3/5.7	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.5	1.5/3.5	1.6/4.0	2.3/5.7
Total Load (plf)		44	48	85	101	170	258	371	70	76	133	158	267	405	584
Live Load (plf)	26'	35	38	63	74	121	181	258	55	60	99	116	191	285	406
Min. End/Int. Bearing (in.)		1.5/3.0	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.5	1.5/3.5	1.9/4.9	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.5	1.9/4.9
Total Load (plf)		33	37	66	79	134	204	294	53	58	103	124	210	320	462
Live Load (plf)	28'	28	30	50	59	97	145	207	44	48	79	93	153	228	325
Min. End/Int. Bearing (in.)		1.5/3.0	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.5	1.5/3.5	1.7/4.2	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.5	1.7/4.2
Total Load (plf)		25	28	52	61	106	163	236	41	44	81	97	167	256	371
Live Load (plf)	30'	23	25	41	48	79	118	168	36	39	64	76	124	185	264
Min. End/Int. Bearing (in.)		1.5/3.0	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.6	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.6

(a) Tabulated values are for preliminary design use only and are assumed to be laterally braced for beam stability (Beam stability factor is CL = 1.0). Final design shall be verified by design professionals.
(b) The table is based on uniform loads (beam weight of 38 pcf considered) under the simple - or multiple-span configuration when used in dry-service conditions (less than 16% moisture content).
(c) Tabulated live loads are based on the deflection criterion of span/360.
(d) Tabulated total loads are based on the deflection criterion of span/240.
(e) Live load values that are blank are governed by total load. Selected beam size shall satisfy both live load and total load.
(f) Design properties for this table are based on F_{bx} = 2400 psi, F_{vx} = 300 psi, MOE = 1.9 x 10^6 psi, $F_{c\perp}$ = 740 psi, and 5% shear deflection. Span = Clear Span

1.9E PRG® ROOF LOAD TABLES IN PLF (115% Load Duration)

Table Key: Top Figure- Max. Total Load L/180. Middle Figure- Max. Live Load L/240. Bottom Figure- Min. required bearing length at end/Intermediate Supports (inches)

LOAD TYPE	SPAN	Width (in.)													
		3 1/2							5 1/2						
		Depth (in.)													
		9 1/4	9 1/2	11 1/4	11 7/8	14	16	18	9 1/4	9 1/2	11 1/4	11 7/8	14	16	18
Total Load (plf)		1,426	1,505	2,113	2,355	2,928	3,499	4,124	2,242	2,365	3,319	3,700	4,601	5,498	6,481
Live Load (plf)	8'														
Min. End/Int. Bearing (in.)		2.2/5.5	2.3/5.8	3.7/8.2	3.7/9.1	4.5/11.4	5.4/13.6	6.4/16.0	2.2/5.5	2.3/5.85	3.7/8.2	3.7/9.1	4.5/11.4	5.4/13.6	6.4/16.0
Total Load (plf)		1,009	1,064	1,495	1,666	2,318	3,030	3,836	1,586	1,673	2,349	2,618	3,643	4,761	6,029
Live Load (plf)	9' 6"														
Min. End/Int. Bearing (in.)		1.9/4.6	2/4.9	2.7/6.9	3/7.6	4.3/10.6	5.6/14	7/17.5	1.9/4.6	2/4.9	2.7/6.9	3/7.6	4.3/10.6	5.6/14	7/17.6
Total Load (plf)		909	960	1,348	1,503	2,091	2,606	3,035	1,430	1,509	2,119	2,362	3,287	4,095	4,769
Live Load (plf)	10'														
Min. End/Int. Bearing (in.)		1.8/4.4	1.9/4.7	2.6/6.5	2.9/7.3	4.1/10.2	5.1/12.6	5.9/14.7	1.8/4.4	1.9/4.7	2.6/6.5	2.9/7.3	4.1/10.2	5.1/12.6	5.9/14.7
Total Load (plf)		629	664	933	1,041	1,449	1,894	2,399	989	1,044	1,466	1,635	2,276	2,977	3,770
Live Load (plf)	12'	534	579						840	910					
Min. End/Int. Bearing (in.)		1.5/3.6	1.6/3.9	2.2/5.4	2.4/6.1	3.4/8.5	4.4/11.1	5.6/14.0	1.5/3.7	1.6/3.9	2.2/5.4	2.4/6.1	3.4/8.5	4.4/11.1	5.6/14.0
Total Load (plf)		440	478	683	762	1,061	1,388	1,759	692	751	1,073	1,197	1,667	2,181	2,754
Live Load (plf)	14'	337	365	605	712				529	573	951	1,119			
Min. End/Int. Bearing (in.)		1.5/3.0	1.5/3.5	1.9/4.6	2.1/5.2	2.9/7.3	3.8/9.5	4.8/12.0	1.5/3.0	1.5/3.5	1.9/4.6	2.1/5.2	2.9/7.3	3.8/9.5	4.8/11.9
Total Load (plf)		292	317	521	581	810	1,059	1,343	459	499	810	913	1,272	1,657	2,088
Live Load (plf)	16'	225	244	406	477	782			254	384	637	750	1,228		
Min. End/Int. Bearing (in.)		1.5/3.0	1.5/3.5	1.6/4	1.8/4.6	2.5/6.3	3.3/8.3	4.2/10.5	1.5/3.0	1.5/3.5	1.6/4	1.8/4.6	2.5/6.3	3.3/8.3	4.2/10.4
Total Load (plf)		265	288	483	545	760	994	1,260	418	453	759	857	1,194	1,563	1,981
Live Load (plf)	16' 6"	206	223	370	435	713			323	350	581	683	1,120		
Min. End/Int. Bearing (in.)		1.5/3.0	1.5/3.0	1.6/3.9	1.75/4.3	2.4/6	3.2/8	4/10.1	1.5/3	1.5/3	1.6/3.9	1.8/4.4	2.5/6	3.2/8	4.0/10.0
Total Load (plf)		202	220	370	436	637	834	1,058	319	346	581	686	997	1,297	1,635
Live Load (plf)	18'	158	172	285	335	549	819		249	270	448	526	863	1,288	
Min. End/Int. Bearing (in.)		1.5/3.0	1.5/3.0	1.5/3.3	1.6/3.9	2.3/5.6	2.9/7.4	3.7/9.3	1.5/3.0	1.5/3.5	1.5/3.3	1.6/3.9	2.2/5.6	2.9/7.3	3.7/9.2
Total Load (plf)		185	202	340	400	602	788	999	293	317	534	629	946	1,239	1,571
Live Load (plf)	18' 6"	146	158	262	309	506	755		229	248	412	485	795	1,186	
Min. End/Int. Bearing (in.)		1.5/3	1.5/3	1.5/3.1	1.5/3.6	2.2/5.4	2.8/7	3.6/9	1.5/3	1.5/3	1.5/3	1.5/3.6	2.2/5.4	2.9/7	3.6/9
Total Load (plf)		145	158	267	315	514	673	854	229	249	419	495	800	1,041	1,313
Live Load (plf)	20'	115	125	208	244	400	597	851	181	196	326	384	629	939	
Min. End/Int. Bearing (in.)		1.5/3	1.5/3.0	1.5/3.0	1.5/3.5	2.0/5.1	2.7/6.6	3.4/8.4	1.5/3	1.5/3.0	1.5/3.5	1.5/3.5	2.0/5.0	2.6/6.5	3.3/8.2
Total Load (plf)		107	117	198	234	389	554	700	169	184	311	368	611	852	1,075
Live Load (plf)	22'	87	94	156	183	301	449	639	136	148	245	288	472	705	1,004
Min. End/Int. Bearing (in.)		1.5/3	1.5/3.0	1.5/3.0	1.5/3.5	1.7/4.3	2.4/6.0	3.0/7.6	1.5/3	1.5/3.0	1.5/3.5	1.5/3.5	1.7/4.3	2.4/5.9	3.0/7.4
Total Load (plf)		80	88	150	178	297	447	583	127	139	236	280	466	702	896
Live Load (plf)	24'	67	72	120	141	232	346	492	105	114	189	222	364	543	773
Min. End/Int. Bearing (in.)		1.5/3	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.6	2.1/5.3	2.8/6.9	1.5/3	1.5/3.0	1.5/3.5	1.5/3.5	1.5/3.6	2.1/5.3	2.7/6.8
Total Load (plf)		61	68	116	138	231	349	493	97	106	182	217	362	548	756
Live Load (plf)	26'	53	57	95	111	182	272	387	83	89	149	175	286	427	608
Min. End/Int. Bearing (in.)		1.5/3	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.5	1.8/4.5	2.6/6.4	1.5/3	1.5/3	1.5/3.5	1.5/3.5	1.5/3.5	1.8/4.5	2.5/6.2
Total Load (plf)		47	52	91	108	182	276	398	75	82	143	170	286	434	625
Live Load (plf)	28'	42	46	76	89	146	218	310	66	72	119	140	229	342	487
Min. End/Int. Bearing (in.)		1.5/3	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.5	1.6/3.9	2.2/5.6	1.5/3	1.5/3.0	1.5/3.5	1.5/3.5	1.5/3.5	1.6/3.9	2.2/5.6
Total Load (plf)		37	40	72	86	146	222	320	59	65	113	135	229	349	503
Live Load (plf)	30'	34	37	62	72	119	177	252	54	58	97	114	186	278	396
Min. End/Int. Bearing (in.)		1.5/3	1.5/3.0	1.5/3.0	1.5/3.5	1.5/3.5	1.5/3.5	1.9/4.9	1.5/3	1.5/3.0	1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.5	1.9/4.9

(a) Tabulated values are for preliminary design use only and are assumed to be laterally braced for beam stability (Beam stability factor is CL = 1.0). Final design shall be verified by design professionals.
(b) The table is based on uniform loads (beam weight of 38 pcf considered) under the simple - or multiple-span configuration when used in dry-service conditions (less than 16% moisture content).
(c) Tabulated live loads are based on the deflection criterion of span/240.
(d) Tabulated total loads are based on the deflection criterion of span/180.
(e) Live load values that are blank are governed by total Load. Selected beam size shall satisfy both live load and total load.
(f) Design properties for this table are based on F_{bx} = 2400 psi,
F_{vx} = 300 psi, MOE = 1.9 x 10^6 psi, $F_{c\perp}$ = 740 psi, and 5% shear deflection. Span = Clear Span

1.9E PRG® ROOF LOAD TABLES IN PLF (125% LOAD DURATION)

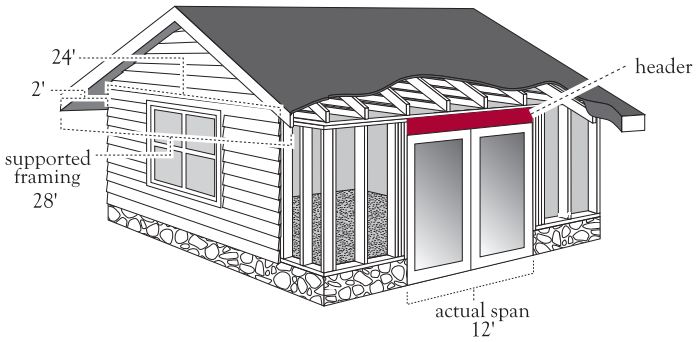
Table Key: Top Figure- Max. Total Load L/180. Middle Figure- Max. Live Load L/240. Bottom Figure- Min. required bearing length at end/Intermediate Supports (inches)

LOAD TYPE	SPAN	Width (in.)													
		3 1/2							5 1/2						
		Depth (in.)													
		9 1/4	9 1/2	11 1/4	11 7/8	14	16	18	9 1/4	9 1/2	11 1/4	11 7/8	14	16	18
Total Load (plf)		1,551	1,637	2,297	2,560	3,183	3,804	4,484	2,438	2,572	3,609	4,023	5,002	5,978	7,047
Live Load (plf)	8'														
Min. End/Int. Bearing (in.)		2.4/6	2.5/6.4	3.5/9	4.0/9.9	4.9/123	5.9/14.7	6.9/17.4	2.4/6	2.5/6.4	3.5/9	4.0/9.9	4.9/12.3	5.9/14.7	6.9/17.4
Total Load (plf)		1,097	1,547	1,626	1,812	2,521	3,294	4,171	1,725	1,819	2,555	2,848	3,962	5,177	6,556
Live Load (plf)	9' 6"	1,077	1,167						1,692						
Min. End/Int. Bearing (in.)		2.0/5	2.8/7	4.2/10.5	4.7/11.7	6/14.6	7/17.4	7.6/19	2.0/5	2.1/5.3	3/7.5	3.3/8.3	4.6/11.6	6/15.1	7.7/19
Total Load (plf)		989	1,045	1,467	1,635	2,274	2,833	3,300	1,556	1,642	2,304	2,569	3,574	4,453	5,186
Live Load (plf)	10'	923	1,000						1,451	1,572					
Min. End/Int. Bearing (in.)		2/4.8	2.0/5.1	2.8/7.1	3.2/7.9	4.4/11.0	5.5/13.7	6.4/16.0	2/4.5	2.0/5.1	3/7.1	3.2/7.9	4.4/11.0	5.5/13.7	6.4/16.0
Total Load (plf)		684	723	1,015	1,132	1,576	2,060	2,609	1,076	1,136	1,595	1,779	2,476	3,237	4,100
Live Load (plf)	12'	534	579	961	1,131				840	910	1,511	1,777			
Min. End/Int. Bearing (in.)		1.6/4	1.7/4.2	2.4/5.6	2.6/6.6	3.7/9.2	4.8/12.0	6.1/15.2	1.6/4	1.7/4.2	2.4/5.9	2.6/6.6	3.7/9.2	4.8/12.0	6.1/15.2
Total Load (plf)		440	478	743	829	1,154	1,510	1,913	692	751	1,168	1,303	1,814	2,373	2,995
Live Load (plf)	14'	337	365	605	712				529	573	951	1,119			
Min. End/Int. Bearing (in.)		1.5/3	1.5/3.5	2.1/5	2.3/5.7	3.2/7.9	4.1/10.3	5.2/13.0	1.5/3	1.5/3.5	2.1/5	2.3/5.7	3.2/7.9	4.1/10.3	5.2/13.0
Total Load (plf)		292	317	531	626	881	1,153	1,461	459	499	834	983	1,384	1,803	2,272
Live Load (plf)	16'	225	244	406	477	782			354	384	637	750	1,228		
Min. End/Int. Bearing (in.)		1.5/3	1.5/3.5	1.7/4.1	2.0/4.9	2.8/6.9	3.6/9.0	4.6/11.4	1.5/3	1.5/3.5	1.6/4	2.0/4.9	2.8/6.9	3.6/9.0	4.5/11.3
Total Load (plf)		265	288	483	569	827	1,082	1,371	418	453	759	894	1,300	1,701	2,156
Live Load (plf)	16' 6"	206	223	370	435	713	1,064		323	350	581	683	1,120	1,672	
Min. End/Int. Bearing (in.)		1.5/3	1.5/3	1.5/4	2/4.5	3.0/6.6	3.5/8.6	4.4/11	1.5/3	1.5/3	1.5/4	2/4.5	2.7/6.6	3.5/8.6	4.4/11
Total Load (plf)		202	220	370	436	694	908	1,151	319	346	581	686	1,086	1,412	1,779
Live Load (plf)	18'	158	172	285	335	549	819		249	270	448	526	863	1,288	
Min. End/Int. Bearing (in.)		1.5/3	1.5/3.5	1.5/3.2	1.6/3.9	2.5/6.1	3.2/8.0	4.1/10.1	1.5/3	1.5/3.5	1.5/3.5	1.6/3.9	2.4/6.1	3.2/7.9	4.0/10.0
Total Load (plf)		185	202	340	400	655	858	1,087	293	317	534	629	1,030	1,348	1,710
Live Load (plf)	18' 6"	146	158	262	309	506	755	1,075	229	248	412	485	795	1,186	1,689
Min. End/Int. Bearing (in.)		1.5/3	1.5/3	1.5/3	1.5/3.6	2.4/6	3.1/7.7	4/9.8	1.5/3	1.5/3	1.5/3.5	1.5/3.6	2.4/6	3.1/7.7	3.9/9.7
Total Load (plf)		145	158	267	315	521	733	929	229	249	419	495	819	1,133	1,429
Live Load (plf)	20'	115	125	208	244	400	597	851	181	196	326	384	629	939	1,337
Min. End/Int. Bearing (in.)		1.5/3	1.5/3.5	1.5/3	1.5/3.5	2.1/5.2	2.9/7.2	3.6/9.1	1.5/3	1.5/3.5	1.5/3.5	1.5/3.5	2.1/5.2	2.8/7.1	3.6/8.9
Total Load (plf)		107	117	198	234	389	584	762	169	184	311	368	611	918	1,171
Live Load (plf)	22'	87	94	156	183	301	449	639	136	148	245	288	472	705	1,004
Min. End/Int. Bearing (in.)		1.5/3	1.5/3.5	1.5/3	1.5/3.5	1.7/4.3	2.5/6.4	3.3/8.3	1.5/3	1.5/3.5	1.5/3.5	1.5/3.5	1.7/4.3	2.5/6.4	3.2/8.1
Total Load (plf)		80	88	150	178	297	447	635	127	139	236	280	466	702	976
Live Load (plf)	24'	67	72	120	141	232	346	492	105	114	189	222	364	543	773
Min. End/Int. Bearing (in.)		1.5/3	1.5/3.5	1.5/3	1.5/3.5	1.5/3.6	2.1/5.3	3.0/7.5	1.5/3	1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.6	2.1/5.3	2.9/7.4
Total Load (plf)		61	68	116	138	231	349	500	97	106	182	217	362	548	786
Live Load (plf)	26'	53	57	95	111	182	272	387	83	89	149	175	286	427	608
Min. End/Int. Bearing (in.)		1.5/3	1.5/3.5	1.5/3	1.5/3.5	1.5/3.5	1.8/4.5	2.6/6.5	1.5/3	1.5/3.5	1.5/3.5	1.5/3.5	1.5/3.5	1.8/4.5	2.6/6.5
Total Load (plf)		47	52	91	108	182	276	398	75	82	143	170	286	434	625
Live Load (plf)	28'	42	46	76	89	146	218	310	66	72	119	140	229	342	487
Min. End/Int. Bearing (in.)		1.5/3	1.5/3	1.5/3	1.5/3.5	1.5/3.5	1.6/3.9	2.2/5.6	1.5/3	1.5/3	1.5/3	1.5/3.5	1.5/3.5	1.6/3.9	2.2/5.6
Total Load (plf)		37	40	72	86	146	222	320	59	65	113	135	229	349	503
Live Load (plf)	30'	34	37	62	72	119	177	252	54	58	97	114	186	278	396
Min. End/Int. Bearing (in.)		1.5/3	1.5/3	1.5/3	1.5/3.5	1.5/3.5	1.5/3.5	1.9/4.9	1.5/3	1.5/3	1.5/3	1.5/3.5	1.5/3.5	1.5/3.5	1.9/4.9

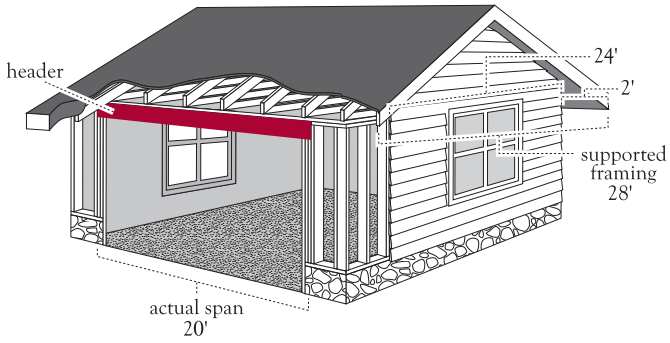
(a) Tabulated values are for preliminary design use only and are assumed to be laterally braced for beam stability (Beam stability factor is CL = 1.0). Final design shall be verified by design professionals.
(b) The table is based on uniform loads (beam weight of 38 pcf considered) under the simple - or multiple-span configuration when used in dry-service conditions (less than 16% moisture content).
(c) Tabulated live loads are based on the deflection criterion of span/240.
(d) Tabulated total loads are based on the deflection criterion of span/180.
e) Live load values that are blank are governed by total load. Selected beam size shall satisfy both live load and total load.
(f) Design properties for this table are based on F_{bx} =2400psi, F_{vx} = 300 psi, MOE = 1.9 x 10^6 psi, $F_{c\perp}$ = 740 psi, and 5% shear deflection. Span = Clear Span

PROCEDURES FOR USING SIMPLE SPAN BEAM TABLES

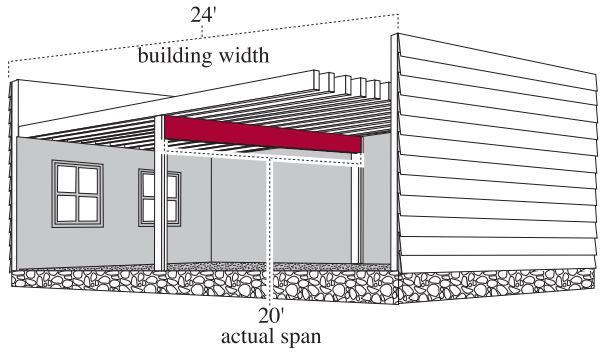
Window Headers



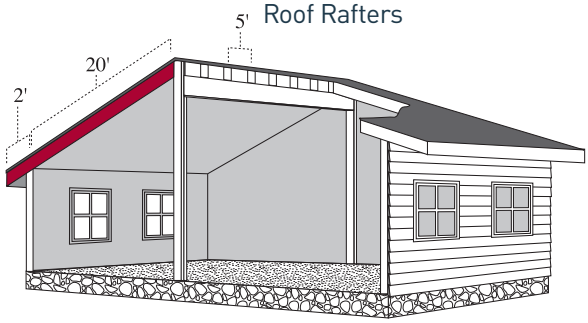
Garage Door Header



Floor Girder Beam



Roof Rafters



1. To size beams from the Floor and Roof PLF Tables, it is required to have the following.
   - **a.** Live load determined by the governing Building Code
   - **b.** The dead load
   - **c.** The beam span or clear opening
   - **d.** Span carried or tributary width

2. These tables may be used to size a simple span uniformly distributed loaded beam or to determine the maximum load capacity of a specific size glulam beam. The allowable loads shown in PLF tables include the beam weight. A simple span condition exists when the beam is supported on each end without overhangs. A continuous or cantilever loading application may require a balanced layup and an engineering or design review.

Garage Door Header: Single Story Example Problem

Determine the header size for the conditions below.

Roof Load Conditions:	Live (LL) = 30 psf
	Dead (DL) = 10 psf
Building Width:	= 24'
Overhang:	= 2'
Header Actual Span (L):	= 20'

Formula:

Total Load = (B/2+2') x (LL+DL) = total applied load in PLF

Live Load = (B/2+2') x LL = total live load in PLF

Example:

Total Load = (24/2+2) x (30+10) = 560 PLF

Live Load = (24/2+2) x 30 = 420 PLF

TO SIZE:

1. Go to allowable roof load tables on page 6. LDF = 1.15 and find the 20' actual span row.
2. Using the top row, find a total load greater than 560 PLF (3 ½" x 16")
3. Using the middle row, find a live load greater than 420 PLF. Beam to select: 3 ½" x 16" - 20' (bearing required = 3")

NOTES

1. Local code may require an engineered system of wall bracing for wall sections less than 4' in length adjacent to door openings. A glulam garage door header extended continuously over these shorter walls adjacent to the garage door opening is an integral part of these engineered systems.
2. If attic loading is anticipated, additional floor loading must be considered. Example: Add Floor LL = 25, DL = 10 Revised Total Load = 980 PLF, Live Load = 720 PLF (5 ½" x 16" required)

FRAMING CONNECTORS FOR POWER RATED GLULAM

Top Mount Hangers

Supported Member Width	Supported Member Depth	Hanger	Maximum Load (lbs.)[4]
3 1/2"	9 - 1/4"	LBV3.56/9.25 HB3.56/9.25	2590 5650
3 1/2"	9 - 1/2"	LBV3.56/9.5 HB3.56/9.5	2590 5650
3 1/2"	11 - 1/4"	B3.56/11.25 HB3.56/11.25	3800 5650
3 1/2"	11 - 7/8"	BA3.56/11.88 HB3.56/11.88	3800 5650
3 1/2"	14"	BA3.56/14 GLTV3.514	3800 7200
3 1/2"	16"	BA3.56/16 GLTV3.516	3800 7200
3 1/2"	18"	HB3.56/18 HGLTV3.518	5650 8835
5 1/2"	9 - 1/4"	HB5.50/9.25 GLTV5.50/9.25	5650 7200
5 1/2"	9 - 1/2"	HB5.50/9.5 GLTV5.59	5650 7200
5 1/2"	11 - 1/4"	HB5.50/11.25 GLTV5.50/11.25	5650 7200
5 1/2"	11 - 7/8"	HB5.50/11.88 HGLTV5.511	5650 8835
5 1/2"	14"	HB5.50/14 EGQ5.50-SDS3[3]	5650 19800
5 1/2"	16"	HB5.50/16 EGQ5.50-SDS3[3]	5650 19800
5 1/2"	18"	HGLT5.518 EGQ5.50-SDS3[3]	5650 19800

For additional product information on loading, nail schedules and code evaluations, consult Simpson's catalog CC-2017, visit www.strongtie.com, or call 1.800.999.5099.

Face Mount Hangers

Supported Member Width	Supported Member Depth	Hanger	Maximum Load (lbs.)[4]
3 1/2"	9 - 1/4"	HHUS410 HGUS410	5635 9100
3 1/2"	9-1/2"	HHUS410 HGUS410	5635 9100
3 1/2"	11 - 1/4"	HHUS410 HGUS412	5635 9600
3 1/2"	11 - 7/8"	HHUS410 HGUS412	5635 9600
3 1/2"	14" - 18"	HHUS410 HGUS414	5635 10100
5 1/2"	9 - 1/4"	HHUS5.50/10 HGUS5.50/10	5635 9100
5 1/2"	9 - 1/2"	HHUS5.50/10 HGUS5.50/10	5635 9100
5 1/2"	11 - 1/4"	HHUS5.50/10 HGUS5.50/12	5635 9600
5 1/2"	11 - 7/8"	HHUS5.50/10 HGUS5.50/12	5635 9600
5 1/2"	14"	HHUS5.50/10 HGUS5.50/14	5635 10100
5 1/2"	16" - 18"	HGUS5.50/14 HGU5.50-SDS	10100 14145

1. Maximum loads shown are based on 3 - 1/2" minimum floor loads at 100% duration. Consult Simpson's Wood Construction Connectors catalog for allowable increases when other load durations apply and for installation information. Hangers only achieve maximum load capacity when all nail holes are filled with the proper size nails and the minimum nail penetration. Full bearing is required at hanger seat. Hanger values listed are for dry service conditions only.
2. Top flange hanger configuration and thickness of top flange need to be considered for flush frame conditions.
3. When ordering EGQ, HGU, or HHGU, specify height.
4. Loads are based on Douglas Fir/Southern Pine Glulam.

SIMPSON Strong-Tie

FRAMING CONNECTORS FOR POWER RATED GLULAM

Top Mount Hangers[3]

		Fastener Schedule[4]		Allowable Loads (lbs).[1]	
Beam Size	USP Stock No.	Header	Joist	100%	Uplift[2] 160%
3 1/2" x 9 1/4"	PHXU35925	(8) 16d	(6) 10d	5285	1290
	HLBH35925	(15) NA16D-RS	(6) 16d	9600	1420
3 1/2" x 9 1/2"	PHXU3595	(8) 16d	(6) 10d	5285	1290
	HLBH3595	(15) NA16D-RS	(6) 16d	9600	1420
3 1/2" x 11 1/4"	PHXU35112	(8) 16d	(6) 10d	5285	1290
	HLBH35112	(15) NA16D-RS	(6) 16d	9600	1420
3 1/2" x 11 7/8"	PHXU35118	(8) 16d	(6) 10d	5285	1290
	HLBH35118	(15) NA16D-RS	(6) 16d	9600	1420
3 1/2" x 14"	PHXU3514	(8) 16d	(6) 10d	5285	1290
	HLBH3514	(15) NA16D-RS	(6) 16d	9600	1420
3 1/2" x 16"	PHXU3516	(8) 16d	(6) 10d	5285	1290
	HLBH3516	(15) NA16D-RS	(6) 16d	9600	1420
3 1/2" x 18"	PHXU3518	(8) 16d	(6) 10d	5285	1290
	HLBH3518	(15) NA16D-RS	(6) 16d	9600	1420
5 1/2" x 9 1/4"	PHXU55925	(8) 16d	(6) 10d	5285	1290
	HLBH55925	(15) NA16D-RS	(6) 16d	9600	1605
5 1/2" x 9 1/2"	PHXU5595	(8) 16d	(6) 10d	5285	1290
	HLBH5595	(15) NA16D-RS	(6) 16d	9600	1605
5 1/2" x 11 1/4"	PHXU55112	(8) 16d	(6) 10d	5285	1290
	HLBH55112	(15) NA16D-RS	(6) 16d	9600	1605
5 1/2" x 11 7/8"	PHXU55118	(8) 16d	(6) 10d	5285	1290
	HLBH55118	(15) NA16D-RS	(6) 16d	9600	1605
5 1/2" x 14"	PHXU5514	(8) 16d	(6) 10d	5285	1290
	HLBH5514	(15) NA16D-RS	(6) 16d	9600	1605
5 1/2" x 16"	PHXU5516	(8) 16d	(6) 10d	5285	1290
	HLBH5516	(15) NA16D-RS	(6) 16d	9600	1605
5 1/2" x 18"	PHXU5518	(8) 16d	(6) 10d	5285	1290
	HLBH5518	(15) NA16D-RS	(6) 16d	9600	1605

Top Mount Hangers

1. Listed loads are based on hanger attachment to a glulam header.
2. Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
3. Top Mount Hangers require a minimum 3-1/2-in minimum header thickness.
4. Nails: 10d nails are 0.148-in dia. x 3-in long; NA16D-RS nails are 0.148-in dia. x 3-1/2-in long; 16d nails are 0.162-in dia. x 3-1/2-in long.

Face Mount Hangers

		Fastener Schedule[4]		Allowable Loads (lbs).[1]		
Beam Size	USP Stock No.	Header	Joist	100%	125%	Uplift[2] 160%
3 1/2" x 9 1/4"-14"	THD410	(38) 16d	(20) 10d	5145	5680	3435
	THDH410[3]	(46) 16d	(12) 16d	7190	7190	2620
3 1/2" x 14"-18"	THD414	(58) 16d	(20) 10d	5680	5680	3435
	THDH414[3]	(66) 16d	(16) 16d	9705	9705	3365
5 1/2" x 9 1/4"-11 7/8"	THD610	(38) 16d	(20) 10d	5750	6085	2730
	THDH610[3]	(46) 16d	(16) 16d	8295	8300	3365
5 1/2" x 14"-18"	THD614	(58) 16d	(20) 10d	6735	6735	3745
	THDH614[3]	(66) 16d	(22) 16d	9685	9685	4625

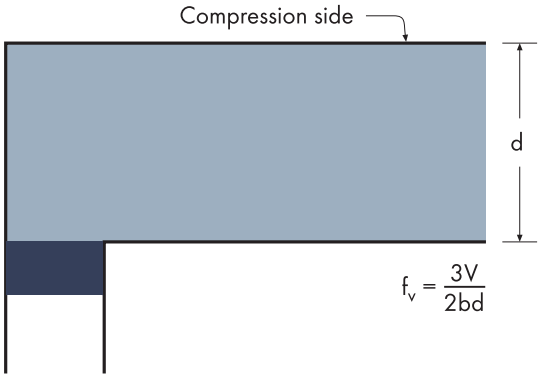
Face Mount Hangers

1. Listed loads are based on hanger attachment to a glulam header.
2. Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.
3. Full length joist nails need to be toenailed at a 30° to 45° angle to achieve listed loads for the THDH hangers.
4. Nails: 10d nails are 0.148-in dia. x 3-in long; 16d nails are 0.162-in dia. x 3-1/2-in long.

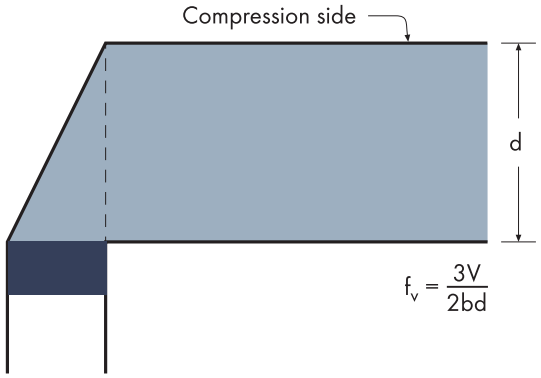
USP STRUCTURAL CONNECTORS

For additional product information on loading, nail schedules, and code evaluations, consult USP's Product Catalog, visit our website at www.USPconnectors.com, or call 1-800-328-5934.

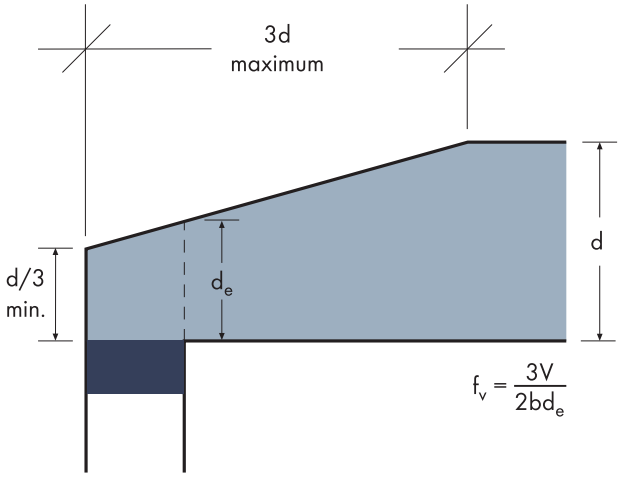
SHEAR DESIGN EQUATIONS FOR NOTCHED & TAPERED BEAMS



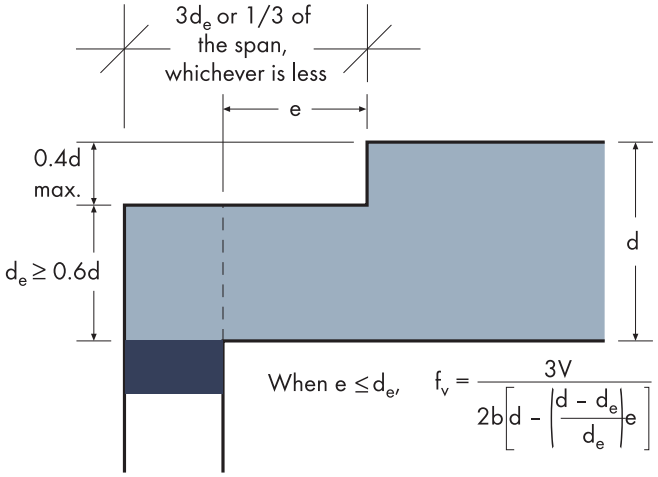
(a) Square End Bearing



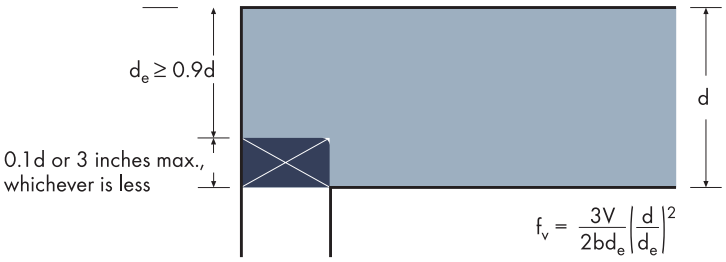
(b) Slope End Bearing



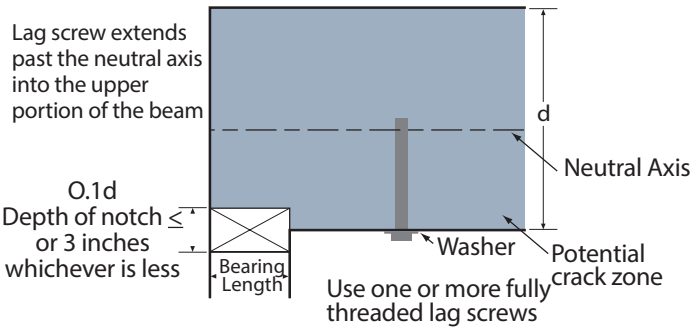
(c) Sloped End Cut for Roof Drainage



(d) Compression-side Notch



(e) Tension-side Notch



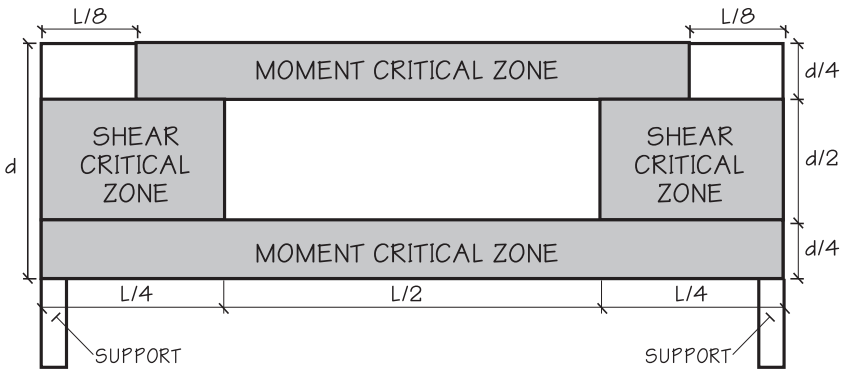
(f) Reinforcement Technique to Minimize Crack Propagation at the End Bearing Notches

f_v = shear stress (psi) d_e = effective depth as shown (in.)
d = depth of beam (in.) b = width of beam (in.)
V = shear force at notch location (lb) e = length of notch as shown (in.)

Source: APA EWS S560

*Power Sizer® Software can be used to evaluate notched slope cutting based on these formulas.

GUIDELINES FOR DRILLING HORIZONTAL HOLES



DO NOT DRILL IN CRITICAL ZONES

UNIFORMLY LOADED SINGLE SPAN BEAM GLUED LAMINATED TIMBER

Notes:

1. The maximum size horizontal hole (through the width of the beam) should not exceed 1 1/2 inches. Larger hole may be possible; contact our sales office for customer support.

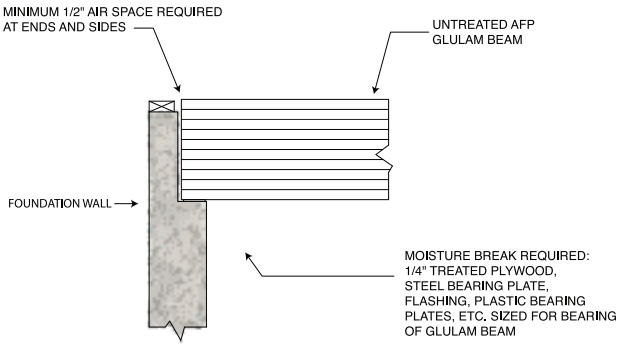
2. Edge and End Spacing: Any horizontal hole must be a minimum of 4 hole diameters from the top or bottom surface of the glued laminated timber member and 8 hole diameters from the member ends. The distance is measured from the edge of the member to the centerline of the hole.

3. Spacing between holes: Field added open or access holes not shown on the contract drawings shall be a minimum of 8 hole diameters from any hole in the member. The distance is measured from the edge of the hole to the nearest edge of the existing hole.

4. Number of holes: Determine the number of field added holes allowed by allowing one hole per each 5 foot length of the member. (This rule does not apply to spacing of holes.)

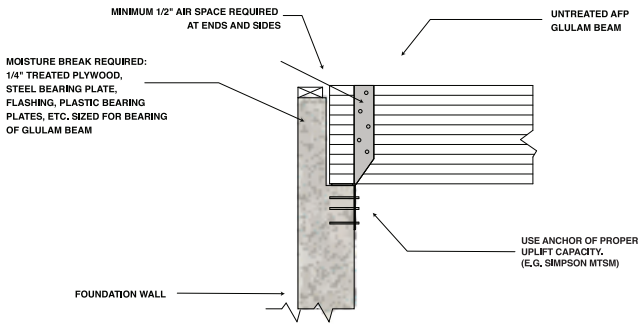
L = length of beam
d = depth of beam

FOUNDATION BEAM POCKET DETAIL

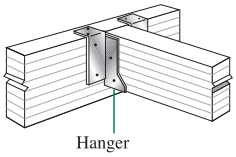


FOUNDATION BEAM POCKET DETAIL

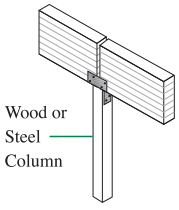
When Uplift resistance is required by local building jurisdiction



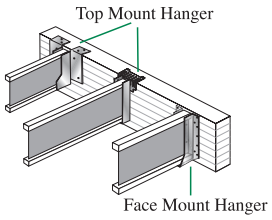
TYPICAL CONNECTIONS



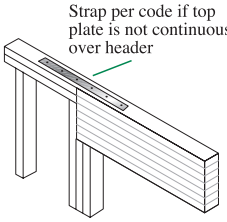
Beam to Beam



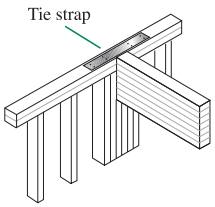
Beam to Column



Floor Beam to Joist

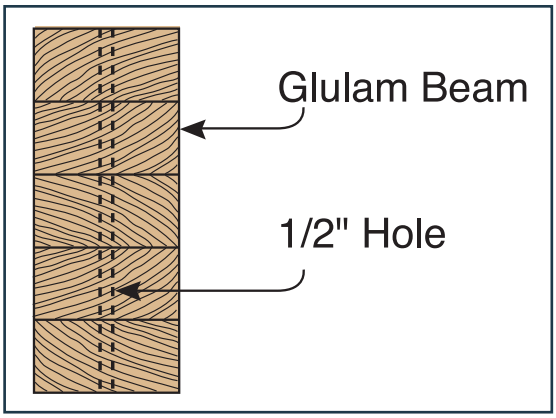


Header to Frame



Beam to Frame

VERTICAL 1/2" DIAMETER HOLES IN GLULAM BEAMS



*TECHNICAL NOTE

FIELD NOTCHING AND DRILLING OF GLUED LAMINATED TIMBER BEAMS

EWS S560H • NOVEMBER 2014

Please download Technical Note at ***www.anthonyforest.com***

Figure 1. Hole in Glulam Beam

While field-drilling vertical holes in glulam beams should be avoided, there are situations where they may be required. This Technical Note* provides guidance on the drilling of a single $^{1}/_{2}$" vertical hole in simple span glulam beams of various thicknesses. These recommendations are based on a "worst case" scenario that assumes the beam is placed at its maximum span and is fully loaded with uniformly distributed loads. Concentrated or other non-uniform loads have not been considered, and for such loads or other situations, the effect of drilling a vertical hole should be checked by a qualified design professional.

Drilling the hole:

These holes must be carefully drilled along the vertical axis of the beam. (See Figure 1.) If the beam is deep, it is recommended to use a drill guide and a sharp bit to preclude the bit from wandering as it passes through the beam depth. In addition, the beam should be inspected at the possible hole location to ensure that there are no knots, knot-holes, finger joints or other allowable defects in the vicinity of the hole (within the width of the beam on either side of the hole).

Arkansas Laminating Plant

HANDLING & STORAGE

PRG® should be stored and handled in accordance with the following guidelines to maximize performance and to minimize necessary field adjustments.

- Protect the glulam products from direct exposure to weather conditions (i.e. sun, wind, rain, snow) by storing under cover or by leaving the paper wrap intact until they are installed.
- Store on stickers or racks above ground moisture and in orderly stacks at heights that may be handled safely.
- Use care in moving and storing with forklifts to prevent damage with forks.
- To minimize checking, seal ends of beams after trimming or cutting.
- Do not install damaged glulam. Notify Anthony Forest Products or your local distributor for assistance.
- Once beams are installed, remove protective wrap. Allow them to gradually season and adjust to the temperature and moisture conditions of the structure.
- Do not directly expose glulam members to rapid changes in moisture and temperature, typical of temporary heating units. Such exposure may result in excessive surface checking.

In the field, glulam is subject to humidity and moisture that can affect critical size tolerance and appearance. To maintain the dimensional stability and minimize checking of beams, each beam is surface sealed with a special protective wax emulsion coating for wood.

Our sealers are environmentally friendly, water-based products that help to stabilize the moisture content of wood. Not only does the seal protect the glulam from environmental moisture, but it allows the glulam to adjust to the environment slowly.

Arkansas Laminating Plant

Austin, Texas

Georgia Laminating Plant

SOFTWARE

All Power Products®, like PRG®, can be sized for loading and spans using our free Power Sizer® software downloadable from our website or from the load tables on pages 5, 6 and 7. For sizes not shown in this brochure, use our Power Sizer® software or 24F Glulam brochure.

TECHNICAL SUPPORT

If you need technical assistance, a skilled member of the Anthony EWP Team can be reached at 800.221.2326, 870-862-3414 or at info@anthonyforest.com.

WARRANTY

Power Products® are warranted for the life of the structure against defects in materials and workmanship. We guarantee prompt and courteous customer service. For a detailed copy of our limited warranty, call us at 800.221.2326 or visit our website at www.anthonyforest.com to download a copy.

PRG® Beam End Tag

POWER PRODUCTS® FAMILY

Power Beam®	Power Column®
SYP Lumber	Power Header®
Power Preserved Glulam®	Power Sizer® Software

1.9E PRG

Power Rated Glulam

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