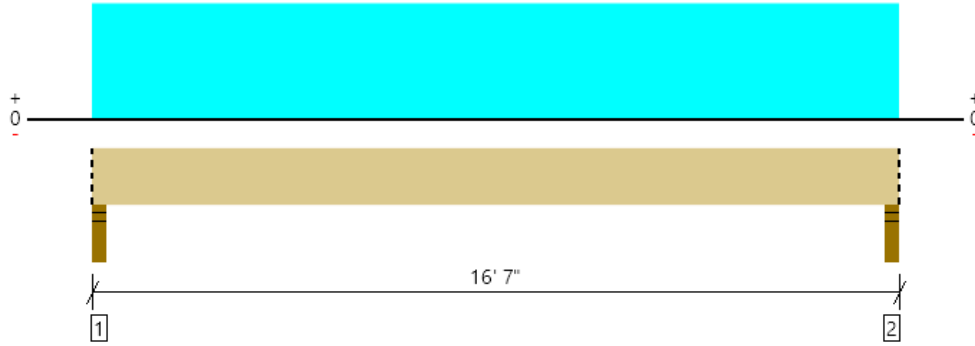


Level, DB17

2 piece(s) 1 3/4" x 14" 2.OE Microllam® LVL

Overall Length: 16' 7"



All locations are measured from the outside face of left support (or left cantilever end). All dimensions are horizontal.

Design Results	Actual @ Location	Allowed	Result	LDF	Load: Combination (Pattern)
Member Reaction (lbs)	3651 @ 2"	5206 (3.50")	Passed (70%)	--	1.0 D (All Spans)
Shear (lbs)	3009 @ 1' 5 1/2"	8379	Passed (36%)	0.90	1.0 D (All Spans)
Moment (Ft-lbs)	14533 @ 8' 3 1/2"	21832	Passed (67%)	0.90	1.0 D (All Spans)
Live Load Defl. (in)	0.000 @ 0	0.542	Passed (2L/999+)	--	1.0 D (All Spans)
Total Load Defl. (in)	0.466 @ 8' 3 1/2"	0.813	Passed (L/419)	--	1.0 D (All Spans)

System : Floor  
 Member Type : Flush Beam  
 Building Use : Residential  
 Building Code : IBC 2015  
 Design Methodology : ASD

- Deflection criteria: LL (L/360) and TL (L/240).
- Allowed moment does not reflect the adjustment for the beam stability factor.

Supports	Bearing Length			Loads to Supports (lbs)		Accessories
	Total	Available	Required	Dead	Factored	
1 - Stud wall - SPF	3.50"	3.50"	2.45"	3651	3651	Blocking
2 - Stud wall - SPF	3.50"	3.50"	2.45"	3651	3651	Blocking

- Blocking Panels are assumed to carry no loads applied directly above them and the full load is applied to the member being designed.

Lateral Bracing	Bracing Intervals	Comments
Top Edge (Lu)	10' 6" o/c	
Bottom Edge (Lu)	16' 7" o/c	

- Maximum allowable bracing intervals based on applied load.

Multiple Member Connections								
Type	Location	Fastener		Placement	Rows	O.C.	# of Fasteners	Details
Uniform	0 to 16' 7"	10d Nail (0.128" x 3')		One Face	4	12"	--	L6

Vertical Loads	Location (Side)	Tributary Width	Dead (0.90)	Comments
0 - Self Weight (PLF)	0 to 16' 7"	N/A	14.3	
1 - Uniform (PLF)	0 to 16' 7" (Top)	N/A	426.0	B02

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 The product application, input design loads, dimensions and support information have been provided by ForteWEB Software Operator

ForteWEB Software Operator	Job Notes
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