



Boise Cascade®

ENGINEERED WOOD PRODUCTS

BC CALC® SOFTWARE



SIZING SOFTWARE FOR FLOORS, WALLS & ROOFS

BC Calc® is simple to use, yet robust enough to analyze most joists, beams, columns, studs and tall walls. Once an analysis is run, print an easy-to-read design report that displays spans, loads and calculation results.



www.bccalc.com



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A FREE WEB-BASED OR DESKTOP APPLICATION

BC Calc® is a web-based application available for free at www.bccalc.com via Internet Explorer, Edge, Chrome, Firefox or Safari browsers. Additionally, iOS and Android tablets are supported. Those who prefer a desktop application can install BC Calc® Offline Mode, a fully functional version of BC Calc® that runs in a browser window on your PC and does not require an internet connection.

Advanced design features include linking members for automatic load transfer, BC FloorValue® floor performance analysis, I-joist top flange notch and hole repair evaluation, and a “Best Analysis” tool to find the most efficient or economical product solutions.



SOFTWARE BENEFITS

- ▶ Easily size joists, beams, columns, studs and tall walls
- ▶ Includes BCI® & AJS® joists, Versa-Lam® LVL, BOISE GLULAM® beams and dimension lumber
- ▶ Collaborate with others and share files in the cloud or send links and project files via email
- ▶ Customizable project information and user defaults
- ▶ Integrated Boise Cascade EWP resource library

Single 11-7/8" BCI® 6000-1.8 DF
Dry (3 spans) | 11 cases | 18 OCS | Respective | Clad & Insulated

Reaction Summary (Down / Uplift) (lbs)

Reaction	Live	Dead	Snow	Wind	Roof Live
B1, 0	313.7/36	123.7/0	6.7/0	5.7/0	
B2, 5-12"	844.0/0	193.0/0	0.7/39	11.0/39	
B3, 5-12"	419.0/0	414.0/0	218.0/0	213.7/4	

Load Summary

Live	Dead	Snow	Wind	Roof Live	OCS
100%	80%	118%	160%	125%	100%

Controls Summary

Pos. Moment	11,168.5 lbs
Neg. Moment	-1246.6 lbs
End Reaction	436.9 lbs
Int. Reaction	1037 lbs
End Shear	423 lbs
Cont. Shear	538 lbs
Hole #1 Shear	166 lbs
Hole #2 Shear	215 lbs
Hole #3 Shear	290 lbs
Total Load Deflection	L/999 (0.107")
Live Load Deflection	L/999 (0.087")
Total Neg. Defl.	0.107"
Max Defl.	0.299"
Cont. Max Defl.	13.1
Span / Depth	13.1
Hole Location	Valid