Boise BC Rim Board

Boise Engineered Wood Product's BC Rim Board and BC Rim Board OSB are manufactured in accordance with the *Performance Standard for APA EWS Rim Boards*. As such the design properties for our rim boards can be found in the APA publication, *APA Performance Rated Rim Boards Data File (W345E).* This document provides connection requirements, design capacities, and allowable product application information.

BC Rim Board and BC Rim board OSB vertical load capacities based on *APA Performance Rated Rim Boards Data File (W345E).*

Thickness	Depth (in)	Capacity (plf)
1"	≤ 16	3300
1 1/8"	≤ 16	4400

The following are allowable PLF loads for spans over small (less than 4'-0") openings in the plane of the rim. Boise BC Rim Board and BC Rim Board OSB should not be used as a joist, rafter, ledger or header outside the plane of the rim.

Boise BC Rim Board (cont'd)

Allowable total load (plf) for BC Rim and BC OSB Rim Board

1" Performance Rated Rim Board

Span (ft)	Rim Depth (in) 9 1/2	11 7/8	14	16
1	3300	3300	3300	3300
1.5	2670	3300	3300	3300
2	1500	2345	3260	3300
2.5	960	1500	2085	2725
3	665	1040	1445	1890
3.5	485	760	1060	1385
4	370	580	810	1060

1 1/8" Performance Rated Rim Board

Span (ft)	Rim Depth (in) 9 1/2	11 7/8	14	16
1	4400	4400	4400	4400
1.5	3005	4400	4400	4400
2	1685	2640	3670	4400
2.5	1080	1685	2345	3065
3	745	1170	1625	2125
3.5	550	860	1195	1560
4	420	655	910	1195

Notes:

1) Total load values are limited by shear, moment or deflection equal to L/240.
2) Table values apply to Boise BC Rim Board and BC Rim board OSB installed as a rim (between a wall above and a support below).
3) Table values assume lateral support is provided continuously along the compression edge.
4) Boise Rim board should be continuous over the opening span. Butt joints should be no closer than 6" from the openings.
5) Boise Rim may be doubled to increase the allowable capacity.
6) For supported hangers, consult hanger manufacturer literature for allowable hanger design values.

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