



TOLKO RIM BOARD PLUS



Tolko OSB Rim Board Plus is designed to meet your needs consistently, perform to your high standards, and support your project with engineered strength.

Our free [Tolko Product Guide](#) app is available for download. Set yourself up for success by finding the best Tolko lumber, plywood, OSB, and EWP products for each application.



SETTING THE STANDARD

Tolko OSB Rim Board Plus has greater dimensional stability, increased structural reliability, consistent quality, and a lower tendency to check or split than sawn lumber. Blue bundle seal and plastic wrap prevents swelling and protects Tolko OSB Rim Board Plus from exposure to the elements.

APPLICATIONS

Tolko OSB Rim Board Plus fills the space between the sill plate and the bottom wall plate, or between the top plate and the bottom plate in multi-floor construction. In addition, to filling the void, rim board is an integral structural component that transfers both lateral and vertical forces. To function properly, the rim board must match the depth of framing members.

BUILDING WITH CONFIDENCE

Tolko Performance Rated Rim Board Plus are structural-use products that are manufactured in accordance with the Performance Standard for APA EWS Rim Boards PRR-401 ANSI PRR-410, CCMC 13238-L and meet or exceed the requirements given in the ICC-ES Acceptance Criteria for Wood-based Rim Board Products, AC124.

Technical Information & Help Desk

APA: Standard PRR-401, Data File W345G;
Product Support: call 1-253-620-7400;
ANSI/APA PRR 410

CCMC: Evaluation Listing No. 13238-L

WARRANTY

Tolko OSB Rim Board Plus is backed by a transferable 25-year limited warranty against delamination.



SUSTAINABLE FOREST MANAGEMENT

We manufacture our products from renewable, recyclable and biodegradable resources, and our practices are guided by our Forest Management Principles and Environmental Policy. We also adhere to globally-accepted Sustainable Forest Management (SFM) and Chain of Custody (CoC) standards.



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MEASUREMENTS

Thickness¹	1", 1-1/8" and 1-1/4"
Lengths	12', 24' and 16' (at Athabasca Mill only)

1) 1" thickness only available in standard Rim Board (not Plus).

FACTORED RESISTANCES & RIM BOARD HEADERS FACTORED UNIFORM LOADS

Spanning over Openings - Maximum 4' Clear Span

	C2	B2	B1
	1"	1-1/8" Plus	1-1/4" Plus
Modulus of Elasticity (psi) <i>Refers only to Factored Resistance</i>	0.55E(x10 ⁶)		
Horizontal (shear) Load Transfer Capacity (lbf/ft) d ≤ 24"	235	261	261
Vertical Load Capacity (lbf/ft)	d ≤ 16"	5,504	8,090
	16" < d ≤ 24"	2,752	5,338
Lag Screw Resistance - 1/2" diameter (lbf) d ≤ 24"	500	584	584
Concentrated Vertical Load (lbf) d ≤ 24"	5,838	5,838	5,838

CANADA (Imperial)

FACTORED RESISTANCES & RIM BOARD HEADERS FACTORED UNIFORM LOADS

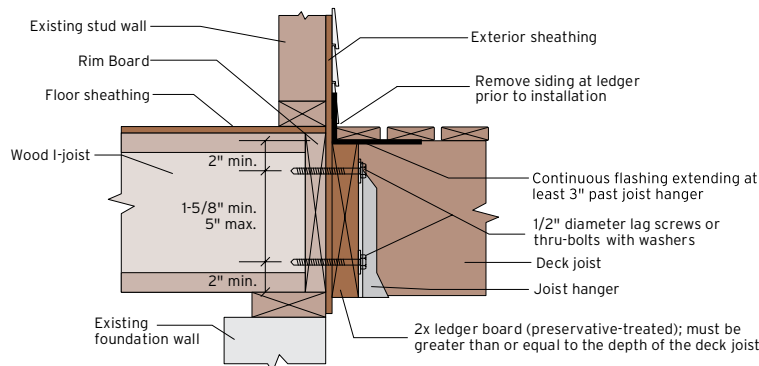
Spanning over Openings - Maximum 4' Clear Span

	C2	B2	B1
	25mm	29mm Plus	33mm Plus
Horizontal (shear) Load Transfer Capacity (kN/m) d ≤ 610mm	3.4	3.8	3.8
Vertical Load Capacity (kN/m)	d ≤ 406mm	80.3	118.1
	406mm < d ≤ 610mm	40.2	77.9
Lag Screw Resistance - 1/2" diameter (kN) d ≤ 610mm	2.2	2.6	2.6
Concentrated Vertical Load (kN) d ≤ 610mm	26.0	26.0	26.0

CANADA (Metric)

Please refer to APA PR-410 Table A1 for design capacity details.

FIGURE 1: 2X LEDGER TO RIM BOARD ATTACHMENT DETAIL

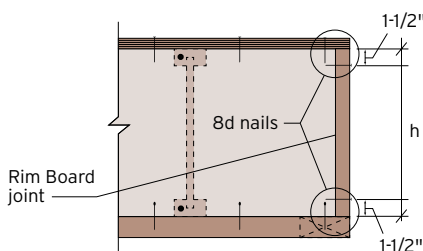


Source: Courtesy of APA – The Engineered Wood Association

FASTENER ALLOWABLE LOAD (lbs/boft)	1"	1-1/8"	1-1/4"
1/2" Lag Bolt	480	610	725
1/2" Through Bolt	695	725	725
1/2" Through Bolt with Air Space	615	615	615

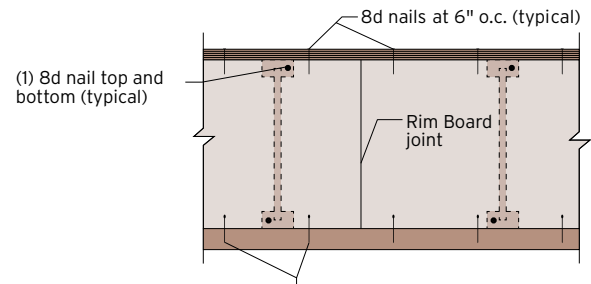
FIGURE 2: ATTACHMENT DETAILS WHERE RIM BOARDS ABUT

Rim board joint at corner



Source: Courtesy of APA – The Engineered Wood Association

Rim board joint between floor joists



8d toe-nails at 6" o.c. (typical) 8d common (0.131" x 2-1/2") or 8d box (0.113" x 2-1/2") nails may be used



Tolko Industries Ltd.
3000 - 28th Street
Vernon, BC V1T 9W9
Canada

TELEPHONE 250.549.5311
EMAIL OSBSales@tolko.com
WEBSITE tolko.com



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