



Tolko OSB Rim Board and Rim Board Plus are 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 and 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 our rim board from exposure to the elements.

APPLICATIONS

Rim board 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 **OSB Rim Board Plus** is a structural-use product that is manufactured in accordance with the Performance Standard for APA EWS Rim Boards PRR-401 ANSI PRR-410, CCMC 13238-L and meets or exceeds 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.



TOLKO OSB RIM BOARD & RIM BOARD PLUS



MEASUREMENTS	Rim Board	Rim Board Plus
Thickness	1"	1-1/8"
Depths	9-1/2" to 24"	
Lengths	12', 16', 24'	

FACTORED RESISTANCES & RIM BOARD HEADERS FACTORED UNIFORM LOADS Spanning over Openings - Maximum 4' Clear Span	C2	B2
	1"	1-1/8" Plus

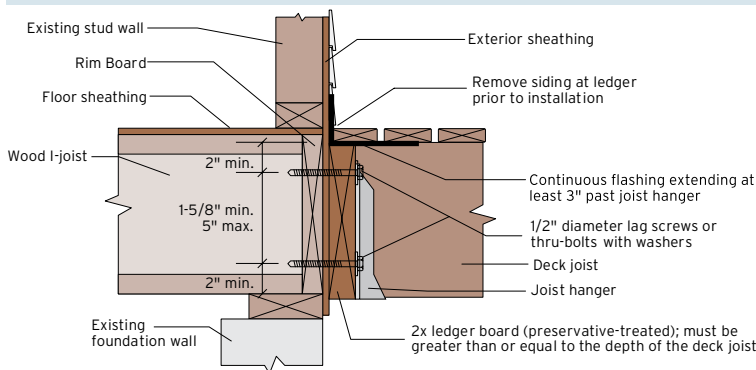
CANADA (Imperial)	Modulus of Elasticity (psi) <i>Refers only to Factored Resistance</i>	0.55E(x10 ⁶)		
	Horizontal (shear) Load Transfer Capacity (lbf/ft) $d \leq 24"$	235	261	
	Vertical Load Capacity (lbf/ft)	$d \leq 16"$	5,504	8,090
		$16" < d \leq 24"$	2,752	5,338
	Lag Screw Resistance - 1/2" diameter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

FACTORED RESISTANCES & RIM BOARD HEADERS FACTORED UNIFORM LOADS Spanning over Openings - Maximum 4' Clear Span	C2	B2
	25mm	29mm Plus

CANADA (Metric)	Horizontal (shear) Load Transfer Capacity (kN/m) $d \leq 610\text{mm}$	3.4	3.8	
	Vertical Load Capacity (kN/m)	$d \leq 406\text{mm}$	80.3	118.1
		$406\text{mm} < d \leq 610\text{mm}$	40.2	77.9
	Lag Screw Resistance - 1/2" diameter (kN) $d \leq 610\text{mm}$	2.2	2.6	
	Concentrated Vertical Load (kN) $d \leq 610\text{mm}$	26.0	26.0	

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

FIGURE 1: 2X LEDGER TO RIM BOARD ATTACHMENT DETAIL

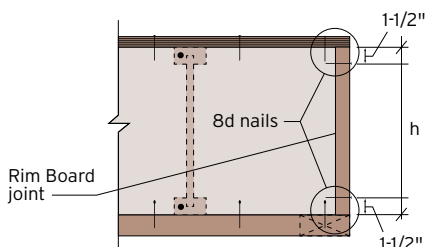


Source: Courtesy of APA – The Engineered Wood Association

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

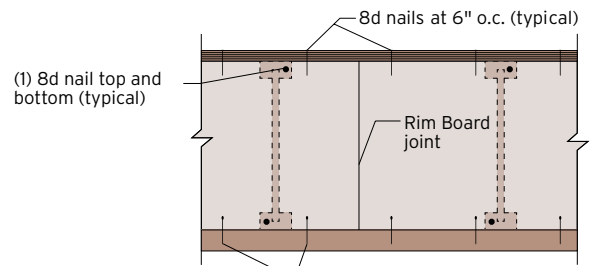
FIGURE 2: ATTACHMENT DETAILS WHERE RIM BOARDS ABUT

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

TRUE.
TRUSTED.
TOLKO.



The data and/or information is provided without any representations, warranties or conditions, whether express or implied, statutory or otherwise, including, without any limitation, any representations, warranties or conditions. For more information please visit tolko.com/resources or contact your Tolko Representative.

07.2024