



**TOLKO RIM BOARD**  
PLUS

**TOLKO RIM BOARD**

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.

## 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.

## 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.



Ask about zinc borate treatment for humid climates and termite damage.

## 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



# TOLKO OSB RIM BOARD & RIM BOARD PLUS



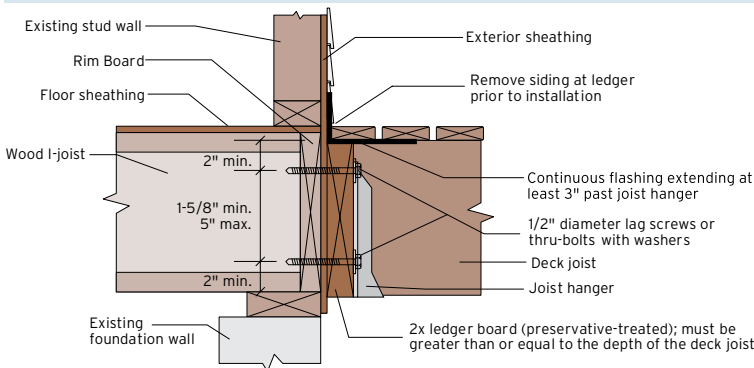
MEASUREMENTS	Rim Board	Rim Board Plus
Thickness	1"	1-1/8"
Depths	9-1/2" to 24"	
Lengths	12', 16', 24'	
Zinc Borate Treatment	Optional <b>ZB TREATED</b>	

FACTORED RESISTANCES & RIM BOARD HEADERS FACTORED UNIFORM LOADS Spanning over Openings - Maximum 4' Clear Span	C2 1"	B2 1-1/8" Plus
<b>Modulus of Elasticity (psi)</b> <i>Refers only to Factored Resistance</i>	0.55E(x10 <sup>6</sup> )	
<b>Horizontal (shear) Load Transfer Capacity (lbf/ft) d ≤ 24"</b>	235	261
<b>Vertical Load Capacity (lbf/ft)</b>	<b>d ≤ 16"</b> 5,504	8,090
	<b>16" &lt; d ≤ 24"</b> 2,752	5,338
<b>Lag Screw Resistance - 1/2" diameter (lbf) d ≤ 24"</b>	500	584
<b>Concentrated Vertical Load (lbf) d ≤ 24"</b>	5,838	5,838

FACTORED RESISTANCES & RIM BOARD HEADERS FACTORED UNIFORM LOADS Spanning over Openings - Maximum 4' Clear Span	C2 25mm	B2 29mm Plus
<b>Horizontal (shear) Load Transfer Capacity (kN/m) d ≤ 610mm</b>	3.4	3.8
<b>Vertical Load Capacity (kN/m)</b>	<b>d ≤ 406mm</b> 80.3	118.1
	<b>406mm &lt; d ≤ 610mm</b> 40.2	77.9
<b>Lag Screw Resistance - 1/2" diameter (kN) d ≤ 610mm</b>	2.2	2.6
<b>Concentrated Vertical Load (kN) d ≤ 610mm</b>	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**

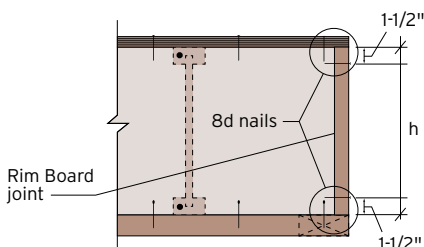


Source: Courtesy of APA – The Engineered Wood Association

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

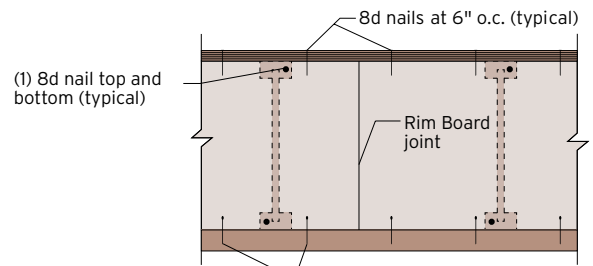
**FIGURE 2: ATTACHMENT DETAILS WHERE RIM BOARDS ABUT**

**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



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