



Product of  CANADA

TOLKO RIM BOARD

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

SETTING THE STANDARD

Tolko Rim Board has greater dimensional stability, increased structural reliability, consistent quality, and a lower tendency to check or split than sawn lumber.

APPLICATIONS

Tolko 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 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.

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.

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

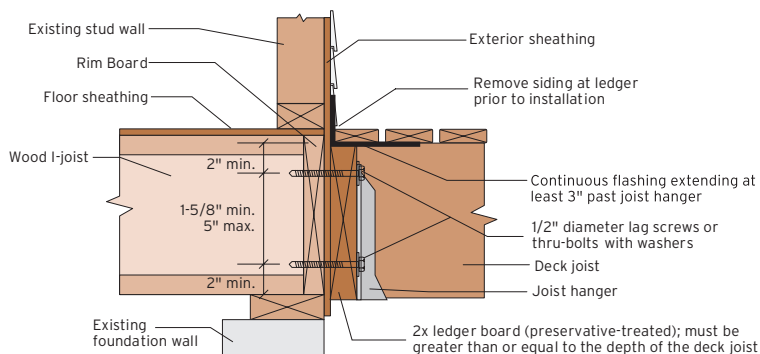


MEASUREMENTS

Thickness	1", 1-1/8" and 1-1/4"				
Lengths	12', 24' and 16' (at Athabasca Mill only)				
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		
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 ≤ 24"				
	235	261	261		
	Vertical Load Capacity (lbf/ft)				
d ≤ 16"		5,504	8,090	8,090	
16" < d ≤ 24"		2,752	5,338	5,338	
Lag Screw Resistance - 1/2" diameter (lbf) d ≤ 24"					
500	584	584	584		
Concentrated Vertical Load (lbf) d ≤ 24"					
5,838	5,838	5,838	5,838		
FACTORED RESISTANCES & RIM BOARD HEADERS FACTORED UNIFORM LOADS					
Spanning over Openings - Maximum 4' Clear Span					
	C2	B2	B1		
	25mm	29mm Plus	33mm Plus		
CANADA (Metric)	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	118.1
	406mm < d ≤ 610mm		40.2	77.9	77.9
Lag Screw Resistance - 1/2" diameter (kN) d ≤ 610mm					
2.2	2.6	2.6	2.6		
Concentrated Vertical Load (kN) d ≤ 610mm					
26.0	26.0	26.0	26.0		

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

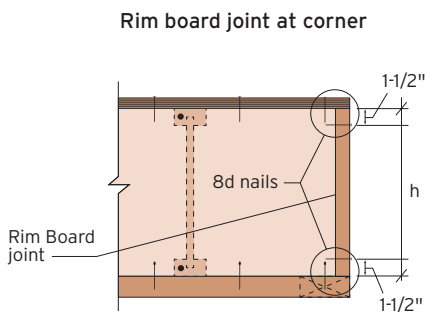
FIGURE 1: 2X LEDGER TO RIM BOARD ATTACHMENT DETAIL



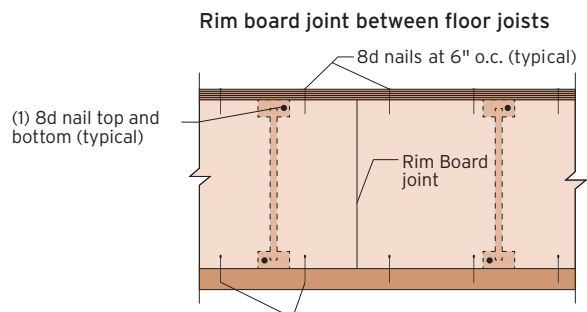
Source: Courtesy of APA – The Engineered Wood Association

FASTENER ALLOWABLE LOAD (lbs/bolt)	1"	1-1/8"	1-1/4"
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



Source: Courtesy of APA – The Engineered Wood Association



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