

# 1.5E 1 1/4" PWLVL RIM BOARD

## 1.5E PWLVL Rim Board Reference Design Values<sup>(1)</sup>

Horizontal Load	=	200 plf <sup>(2)</sup>	Fasten to the wall plate with 8d box or common nails at 6" o.c. Value applies to a ten minute wind or earthquake load duration (C <sub>D</sub> = 1.60)
Vertical Load	=	3450 plf <sup>(2)</sup>	
1/2" Diameter Lag Screw or Bolt Lateral Load	=	350 lb <sup>(2)</sup>	

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Modulus of Elasticity E	=	1,500,000 psi <sup>(2)</sup>
Bending (beam) F <sub>b</sub>	=	2,250 psi <sup>(3)</sup>
		May be adjusted by (12/d) <sup>1/5</sup> , where d is the depth of the member (inches)
		May be adjusted by 1.04 for repetitive members as defined in ANSI/AF&PA NDS
Horizontal Shear (beam) F <sub>v</sub>	=	230 psi <sup>(3)</sup>
Compression Perpendicular to Grain (beam) F <sub>c⊥</sub>	=	750 psi <sup>(2)</sup>

### Notes:

1. Values apply to dry service conditions
2. Do not adjust for load duration
3. May be adjusted for load duration

## EQUIVALENT SPECIFIC GRAVITY FOR FASTENER DESIGN

Nails & Wood Screws	Face	Lateral	0.50
		Withdrawal	0.50
	Edge	Lateral	0.50
		Withdrawal	0.47
Bolts & Lag Screws	Face	Lateral	0.50

## CLOSEST ON-CENTER SPACING

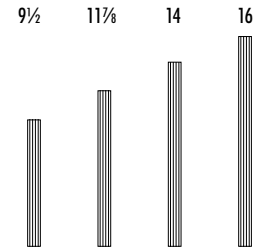
for a single row of nails in the narrow face

Nail Size	Spacing
8d common (2 1/2" x 0.131")	3"
10d common (3" x 0.148")	4"
16d common (3 1/2" x 0.162")	6" <sup>(1)</sup>

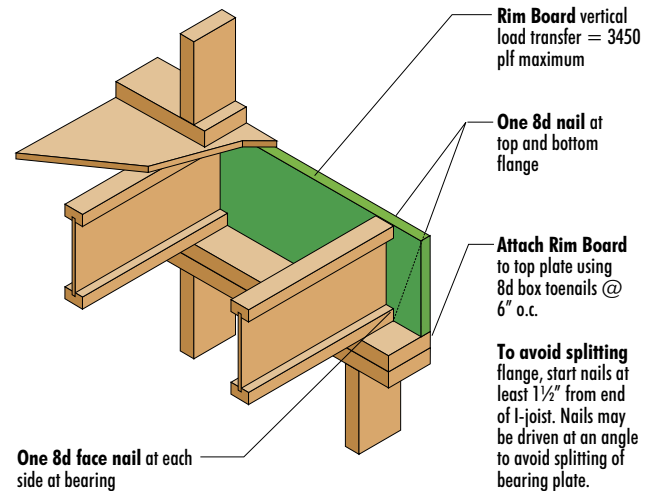
1. May be 4" when nailing through bottom wall plate and sheathing (maximum 1 3/8" penetration).

## 1 1/4" x 1.5E PWLVL RIM BOARD

### AVAILABLE SIZES (INCHES):



### WEIGHTS (PLF):



## DECK ATTACHMENT

