

# 1.5E 1¼" 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>

½" Diameter Lag Screw or Bolt Lateral Load = 350 lb<sup>(3)</sup>

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

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 104 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

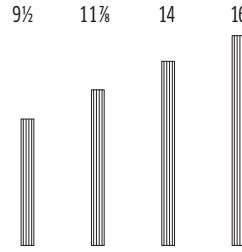
for a single row of nails in the narrow face

Nail Size	Spacing
8d common (2½" x 0.131")	3"
10d common (3" x 0.148")	4"
16d common (3½" x 0.162")	6" <sup>(1)</sup>

1. May be 4" when nailing through bottom wall plate and sheathing (maximum 1¾" penetration).

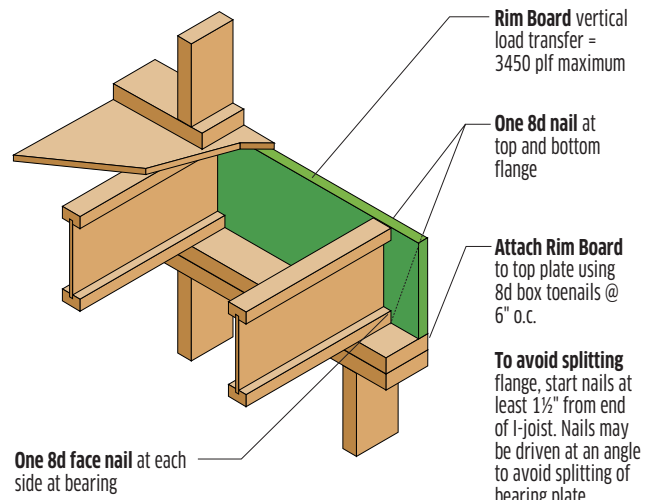
## 1¼" x 1.5E PWLVL RIM BOARD

### AVAILABLE SIZES (INCHES):



### WEIGHTS (PLF):

3.1    3.9    4.5    5.2



## DECK ATTACHMENT

