

1.6E 1¼" PWLVL Rim Board

1.6E PWLVL Rim Board Reference Design Values⁽¹⁾

Horizontal Load = 200 plf⁽²⁾

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 ($C_D = 1.60$)

Vertical Load = 2,900 plf⁽²⁾

½" Diameter Lag Screw or Bolt Lateral Load = 350 lb⁽³⁾

1.6E PWLVL Reference Design Values⁽¹⁾

True (Shear-Free) Modulus of Elasticity, E = 1,600,000 psi⁽²⁾

Bending (beam) $F_b = 2,250$ psi⁽³⁾

May be adjusted by $(12/d)^{1/5}$, 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) $F_v = 230$ psi⁽³⁾

Compression Perpendicular to Grain (beam) $F_{c\perp} = 750$ psi⁽²⁾

- 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

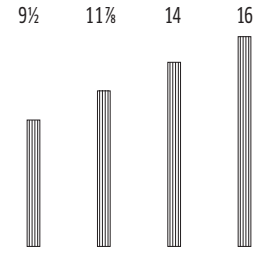
for a single row of nails in the narrow face

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

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

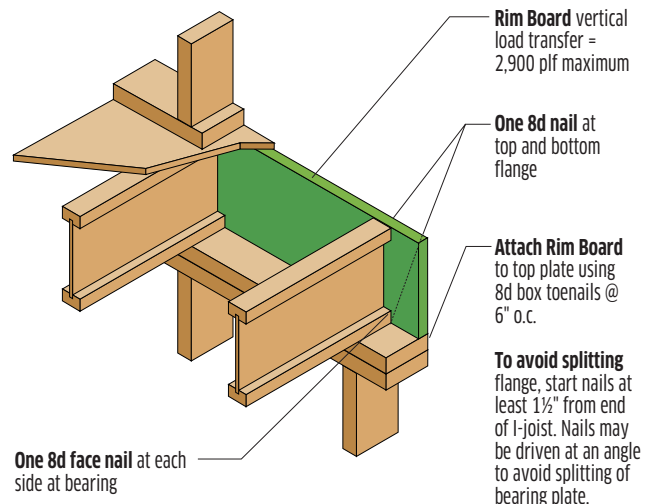
1¼" x 1.6E PWLVL RIM BOARD

AVAILABLE SIZES (INCHES):



WEIGHTS (PLF):

3.1 3.9 4.5 5.2



DECK ATTACHMENT

