

1.5E ^{1 1/4" PWLVL} RIM BOARD

1.5E 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 = 3450 plf⁽²⁾
 1/2" Diameter Lag Screw or Bolt Lateral Load = 350 lb⁽³⁾

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- Modulus of Elasticity E = 1,500,000 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 1.04 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⊥} = 750 psi⁽²⁾

Notes:

- Values apply to dry service conditions
- Do not adjust for load duration
- May be adjusted for load duration

EQUIVALENT SPECIFIC GRAVITY FOR FASTENER DESIGN

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

Closest On-Center Spacing

for a single row of nails in the narrow face

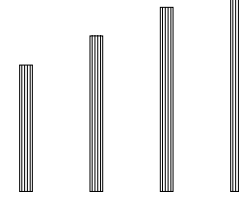
Nail Size	Spacing
8d common (2 1/2" x 0.131")	3"
10d common (3" x 0.148")	4"
16d common (3 1/2" x 0.162")	6" ⁽¹⁾

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

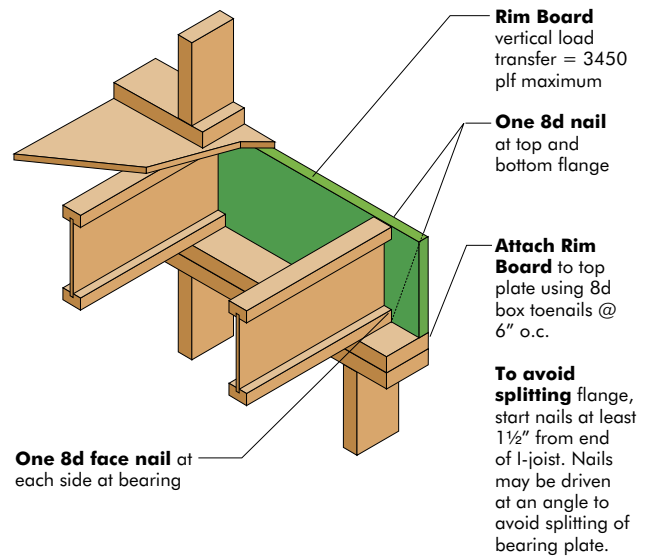
AVAILABLE SIZES (INCHES):

9 1/2 11 3/8 14 16



WEIGHTS (PLF):

3.1 3.9 4.5 5.2



DECK ATTACHMENT

