



RIGIDRIM® RIMBOARD SPECIFICATIONS

As a component of the Roseburg Framing System®, RIGIDRIM rimboard allows your customers to quickly frame the perimeter of their floor system and is one of the most cost effective methods to properly transfer vertical and horizontal loads around the I-joist and directly into the supporting walls.

RIGIDRIM rimboard is currently supplied as solid OSB and is available in two thicknesses:

- 1 1/8" RIGIDRIM RIMBOARD PLUS
- 1 1/4" RIGIDRIM RIMBOARD SEISMIC

RIGIDRIM RIMBOARD PLUS and RIGIDRIM RIMBOARD SEISMIC are available in lengths up to 24-ft. They both are available in all of the standard I-Joist depths.

Both products are manufactured in accordance with ICC Evaluation Service, Inc. Acceptance Criteria For Rim Board Products (AC124) and PRR-401 Performance Standard for APA EWS RimBoards. Furthermore, the 1 1/4" rimboard has an ICC ES Report (ESR-1053) and can also be designed for edgewise bending applications to support loads over window and door openings. For additional information regarding spanning window and door openings and cutting holes in RigidRim rimboard, refer to the APA Publication "I-Joist Construction Details" (Form D710).

RIGIDRIM is dimensionally stable and resists shrinking and warping. It also provides a smooth nailing surface for the attachment of exterior sheathing, siding and ledgers. Refer to page 19 for additional framing information.

RIGIDRIM RimBoard Design Properties⁽¹⁾⁽²⁾

	Thickness	Vertical Load (PLF)	Horizontal Load (PLF)	Post Load (Pounds)	Lag Screw (1/2") (Pounds)
RimBoard Plus	1 1/8"	4850	200 (8d box or common)	3500	350
RimBoard Seismic	1 1/4"	5700	240 ⁽³⁾ (8d common)	5900	400

- (1) All design properties assume:
- Maximum joist spacing of 24" on-center
 - Maximum joist depth of 16"
 - Rimboard nailing of 8d nails @ 6" on-center

- (2) All design values, except Horizontal Load, are based on long-term load duration (100%) and may be adjusted for other load durations in accordance with the applicable code. Horizontal load may not be adjusted for duration of load.

- (3) Horizontal load may be increased to 330 PLF when rimboard nailing of 8d com. nails @ 4" on-center is used.

1 1/4" RIGIDRIM RimBoard Seismic Edgewise Design Properties

Flexural Stress	Modulus of Elasticity	Tension Parallel to Grain ⁽¹⁾	Horizontal Shear	Compression Perpendicular to Grain ⁽²⁾
1130 psi	0.80 x 10 ⁶ psi	680 psi	355 psi	1415 psi

- (1) Applicable for lengths up to 4 ft. For longer lengths, multiply by the length factor $C_L = (4/L)^{1/8}$

- (2) Compression Perpendicular to Grain value may not be increased for duration of load