

IB MAX-CORE RIM

IB MAX-CORE RIM is a precision-engineered wood product that is specifically designed for today's engineered floor systems. **IB MAX-CORE RIM** is designed to fill the space between the sill plate and the subfloor or in second floor construction, between the top plate of the first floor walls and the second level subfloor. Supporting the wall loads, **IB MAX-CORE RIM** ties the joists together and is an integral component of wood floor systems by transferring both lateral and vertical bearing forces.

Rimboard Saves Time and Money - The 12' lengths are easy to handle and install quickly.

Multiple Applications - While **IB MAX-CORE RIM** has been specifically designed and engineered for use as a perimeter framing product for floor systems, it is very effective as non-structural framing at stairwell openings.

Environmentally Responsible Technology - Like all **IB MAX-CORE** engineered wood products, **IB MAX-CORE RIM** does not contain added urea formaldehyde resins and can help homes qualify for green building programs such as the National Green Building Standard.



FEATURES AND BENEFITS

- Resists twisting, cupping, cracking and warping
- Available in depths of 9 1/2", 11 7/8", 14", 16"
- Up to 24" depths may be available. See IB technical bulletin TB-IJ-15 for technical data.
- 12' lengths offer easy handling and installation
- Each board is edge coated and the units are paper wrapped for protection against the elements
- The full 1 1/8" edge surface assures virtually no risk of splitting
- Units are minor bundled
- Engineered to have the structural strength to transfer both vertical and lateral loads
- Designed and manufactured for use as a perimeter board for floor and roof joists in residential and light commercial construction
- Smooth stable nailing surface
- No core voids and will not delaminate
- **IB MAX-CORE RIM** has edgewise bending properties and can be used to span openings of 4' or less
- Manufactured in accordance with ICC- ES AC124, Acceptance Criteria for Wood-Based Rimboard Products
- **IB MAX-CORE RIM** is also available as FSC® or SFI® Chain of Custody certified.
- **IB MAX-CORE RIM** carries the APA grade stamp assuring quality is built into every piece

HANDLING AND STORAGE

IB MAX-CORE RIM should be handled with the same care as all engineered wood products

- Store indoors or undercover
- Keep Rimboards up off the ground
- Cover panels loosely when outdoors to protect from the elements

INSTALLATION & CONNECTION REQUIREMENTS

Refer to the APA's Performance Rated Rimboards W345 for installation and connection requirements.

QUICK TIPS

- Installation of **IB MAX-CORE** RIM requires 8d box nails or approved equivalent (0.113" diameter x 2 1/2" long)
- I-Joist - drive 1 nail into the top flange and 1 into the bottom flange.
- Plate - toe-nail Rimboard at 6" on center to wall plates for a seismic shearwall capacity of 200 plf (may be increased to 280 plf for wind).
- Floor Deck - space fasteners at 6" on center.
- Ledger - use 1/2" lag screws and ensure they completely penetrate Rimboard. Please refer to building code requirements for number and placement of lag screws.
- Starter Joist - when Rimboard is used as starter joists to maintain the vertical loading, there are several installation options, such as blocking (max. 24" o.c.), double up the Rimboards, or place an I-Joist adjacent to the Rimboard. Please consult your designer for the appropriate option and details for your application.

SPECIFICATIONS				
Thickness (inches)	1 1/8	1 1/8	1 1/8	1 1/8
Depth (inches)	9 1/2	11 7/8	14	16
Length (feet)	12	12	12	12
Pieces per unit	100	80	60	60
Units per T/L	16	16	16	16
Weight per unit (pounds)	2,875	2,880	2,835	2,910
Weight per Lineal Ft. (plf)	2.4	3.0	3.9	4.0
Lineal Ft. per unit	1,200	960	720	720
Lineal Ft. per truck	19,200	15,360	11,520	11,520
DESIGN CAPABILITIES ^(a)				
Vertical Load Capacity (lbf/ft)	4850	4850	4850	4850
Horizontal Load Capacity (lbf/ft)	200	200	200	200
Lateral Resistance 1/2" Lag Dia (lbf)	350	350	350	350
ALLOWABLE EDGEWISE BENDING PROPERTIES FOR APA PERFORMANCE RATED RIMBOARDS ^(a)				
Grade	F _{be} ^(b) (psi)	E _e ^(c) (psi)	F _{VE} ^(d) (psi)	F _{ce} ^(e) (psi)
APA Rimboard Plus	600	550,000	270	550

- The tabulated values are applicable to **IB MAX-CORE** RIM when subjected to the normal load duration (10 years) and permitted to be adjusted for other load durations in accordance with the applicable code except for edgewise modulus of elasticity and compressive stress perpendicular to grain. Tabulated values are for U.S. ASD (Allowable Stress Design). For Canadian LSD (Limit States Design) see IB technical bulletin TB-IJ-15.
- Allowable edgewise bending stress is applicable only to a span of 4 feet or less. The adjustment for volume effect is already included. For applications requiring a longer span over an opening, use glulam, I-joists, or SCL headers.
- Allowable edgewise apparent modulus of elasticity.
- Allowable edgewise shear stress
- Allowable compressive stress perpendicular to grain based on 0.04-in. deformation.