



**The proven  
performance  
perimeter.**



Norbord's RIMBOARD is a precision engineered wood product, and is a specifically designed component for today's engineered floor systems. Norbord RIMBOARD 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, RIMBOARD 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 Norbord's RIMBOARD has been specifically designed and engineered for use as a perimeter framing product for floor systems, RIMBOARD is very effective as non-structural framing at stairwell openings.

**Environmentally Responsible Technology** - Like all Norbord engineered wood products, RIMBOARD does not contain urea formaldehyde resins and can help homes qualify for green building programs.

## RIMBOARD Features and Benefits

- NAHB Research Center green approved product
- Resists twisting, cupping, cracking and warping
- Available in depths from 9½" to 16"
- Each RIMBOARD 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 & lateral loads
- Designed and manufactured for use as a perimeter board for floor & roof joists in residential and light commercial construction
- Smooth stable nailing surface
- No core voids and will not delaminate
- Norbord's RIMBOARD has edgewise bending properties and can be used to span openings of 4' or less
- RIMBOARD carries the APA grade stamp assuring quality is built into every piece

## RIMBOARD Performance

Manufactured in accordance with ICC- ES AC124, Acceptance Criteria for Wood-Based Rim Board Products

## Handling and Storage

RIMBOARD 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 Rim Boards W345 for installation and connection requirements.

### Quick Tips

- Installation of RIMBOARDS usually requires 8d common or ring-shank nails but some I-Joist manufacturers may require a larger nail size
- I-Joist - drive 1 nail into the top flange and 1 into the bottom flange
- Plate – toe-nail RIMBOARD at 6" on centre to wall plates
- Floor Deck – space fasteners at 6" on center
- Ledger – use ½" 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 and I-Joist adjacent to the RIMBOARD. Please consult your designer for the appropriate option and details for your application. Please refer to AOA345 for more details

Specifications				
Thickness	1-1/8"	1-1/8"	1-1/8"	1-1/8"
Depth	9-1/2"	11-7/8"	14"	16"
Length	12'	12'	12'	12'
Pieces per Unit	100	80	60	60
Units per T/L	16	16	16	16
Weight per Unit	2875	2880	2835	2910
Weight per Lineal Ft.	2.4	3.0	3.9	4.0
Lineal Ft. per Unit	1200	960	720	720
Lineal Ft. per Truck	19,200	15,360	11,520	11,520
Design Capabilities				
Vertical Load Capacity (lb/ft)	4850	4850	4850	4850
Horizontal Load Capacity (lb/ft)	200	200	200	200
Lateral Resistance ½" Lag Dia (lb)	350	350	350	350
Allowable Edgewise Bending Properties for APA Performance Rated RimBoards <sup>(a)</sup>				
Grade	F <sub>be</sub> <sup>(b)</sup> (psi)	E <sub>e</sub> <sup>(c)</sup> (psi)	F <sub>VE</sub> <sup>(d)</sup> (psi)	F <sub>ce</sub> <sup>(e)</sup> (psi)
RIMBOARD & RIMBOARD PLUS	600	550,000	140	550

a) The tabulated values are applicable to Rim Boards 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.

b) 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.

c) Allowable edgewise apparent modulus of elasticity.

d) Allowable edgewise shear stress, which is permitted to be increased to 270 psi for mat-formed panels such as OSB.

e) Allowable compressive stress perpendicular to grain based on 0.04-in. deformation.



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