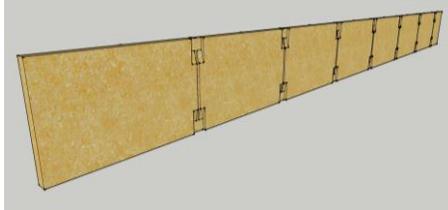


## **I CHOICE<sup>®</sup> PRODUCTS**

# **Product Bulletin**



### **Rim Board**

US Patent No. 6,901,715 Canadian Patent No. 2,420,508

**Preface:** The basic wood material used in **I CHOICE<sup>®</sup> Rim board** has been certified to conform to industry standards by **APA The Engineered Wood Association**. The finished **Product**, produced by secondary fabricators and manufacturers, are tested and certified by the **APA** or a third party testing and certification agency.

**Description:** A pre-machined perimeter rim board designed for easier, faster and safer installation of the total floor assembly with modular receptacles shaped to conform to and lock-in the end cross section of a specific wood I-joist.

**Dimensions:** **Rim Board (RB)** is available in 9 1/2", 11 7/8", 14" and 16" depths with lengths that range from 11 to 13 LFT, depending on I-joist OC spacing. The Standard thickness is 1-1/8". Rim Board thickness of 1-1/4" is also available.

**Receptacles:** The Receptacles can be ordered to receive I-joist flange widths ranging from 1-3/4" to 3-1/2". Flange Receptacle Compartment heights are 1-1/2" to accommodate all industry I-joist manufactures flange thickness. The depths of Receptacles are 1/4" on 1-1/8" and 3/8" on 1-1/4" **Rim Boards**. Modular Receptacles can be ordered to accommodate 16", 19.2" and 24" OC I-joist spacing.

**Load Capacity:** The Lateral Load is 200 Lbs. per LFT; The Vertical Uniform Load is 4,620 Lbs. per LFT; and the Vertical Concentrated Load is 3,500 Lbs. per Ft.

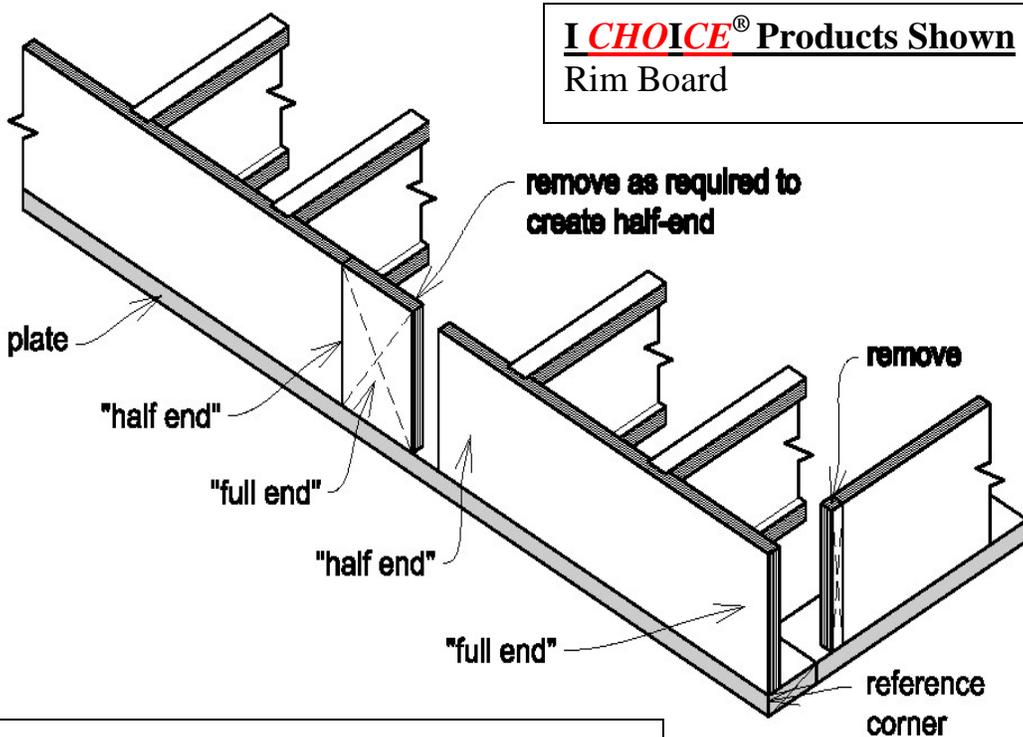
**Conformance:** **Rim Boards** conform to AC-124 testing with certification and stamps by **APA**.

**System Test:** **APA Product Report No. PR-N130** Issued July 12, 2011

**Attributes:**

1. Modular Receptacles eliminate repetitive measuring for I-joist positioning and marking for vertical alignment.
2. When I-joists are "locked" into Receptacles and connected to the **Rim Board**, the system can "float" over the plate to make appropriate final alignment adjustments before attachment to plate.
3. Improved floor stability and resistance to rollover increases jobsite safety during installation.
4. Receptacle Web Support resists web deflection under load.
5. Reduces installation time and labor cost.

**"Products Providing Distinct Advantage"**



**I CHOICE® Products Shown**  
Rim Board

**Materials: 1-1/8" Rim Board Plus (OSB)**

**INSTALLTION:**

**Step 1. Determine the Reference Corner.**

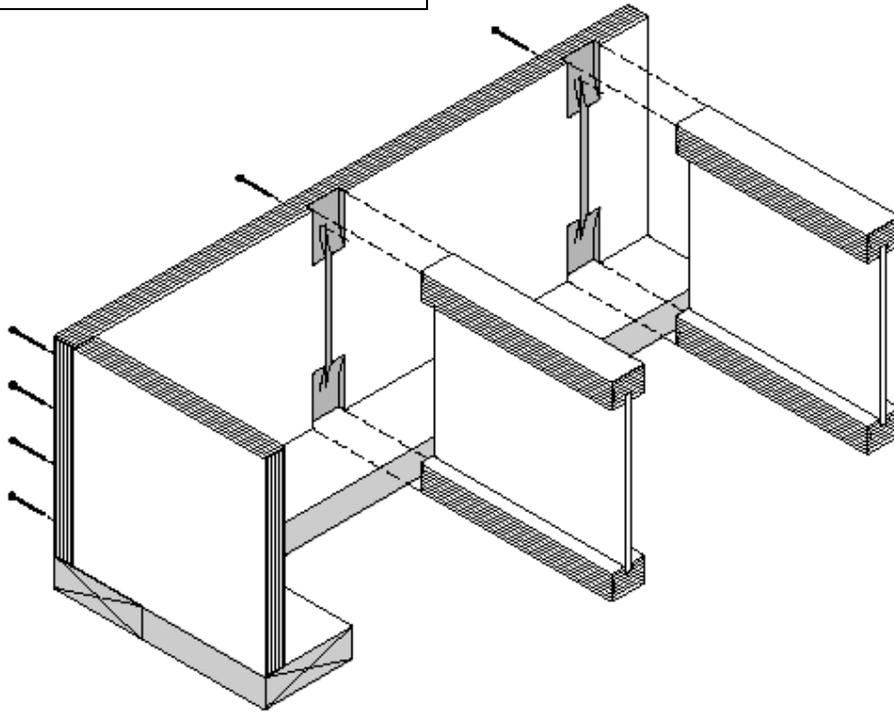
Drawing reflects starting at the reference corner of the structure after the plate has been marked to be square.

**Step 2.** To maintain modularity of Receptacles, the drawing indicates that the lateral **Rim Board**, at the reference corner, must be trimmed the thickness of the **Rim Board** used. The purpose is to establish a modular spacing for cross blocking, supporting the ends/edges of the sub-floor, to be installed at a later stage.

**Step 3.** The first intersection of connecting **Rim Boards** must be trimmed (one time) to maintain modularity. The preceding connections will maintain modular positioning.

**Step 4.** Finish Toe-nailing the **Rim Board** to the Plate according to manufactures recommendations.

**I CHOICE® Products Shown**  
**Rim Board**



**INSTALLATION:**

**Step 5.** After the perimeter **Rim Board** has been properly installed and fastened to the plate, the wood I-joists are ready to be installed. (Note that the Receptacle receives and locks the I-joists into proper spacing and vertical alignment.)

**Step 6.** Nailing of the wood I-joists to the plate and through the **Rim Board** must conform to the manufacturers recommendations.

**Step 7.** After all connections are made, the other **I CHOICE®** Products are ready for inclusion and complete the System.