

EASTERN ENGINEERED WOOD PRODUCTS SPECIFIER GUIDE



The SIMPLE FRAMING SYSTEM[®] Makes Designing Homes Easier

Architects, engineers, and designers trust Boise's engineered wood products to provide a better system for framing floors and roofs.

It's the SIMPLE FRAMING SYSTEM[®], featuring beams, joists and rim boards that work together as a system, so you spend less time cutting and fitting. In fact, the SIMPLE FRAMING SYSTEM[®] uses fewer pieces and longer lengths than conventional framing, so you'll complete jobs in less time.

You'll Build Better Homes with the SIMPLE FRAMING SYSTEM[®]

Now it's easier than ever to design and build better floor systems. When you specify the SIMPLE FRAMING SYSTEM[®], your clients will have fewer problems with squeaky floors and ceiling gypsum board cracks. The SIMPLE FRAMING SYSTEM[®] also means overall better floor and roof framing than dimension lumber allows.

Better Framing Doesn't Have to Cost More

Boise Engineered Wood Products' SIMPLE FRAMING SYSTEM[®] often costs less than conventional framing

methods when the resulting reduced labor and materials waste are considered. There's less sorting and cost associated with disposing of waste because you order only what you need. Although our longer lengths help your clients get the job done faster, they cost no more.

Environmentally Sound

As an added bonus, floor and roof systems built with BCI[®] Joists require about half the number of trees as those built with dimension lumber. This helps you design a home both you and future generations will be proud to own.

What Makes the SIMPLE FRAMING SYSTEM[®] So Simple?

☑ Floor and Roof Framing with BCI[®] Joists

Light in weight, but heavy-duty, BCI[®] Joists have a better strength / weight ratio than dimension lumber. Knockouts can be removed for cross-ventilation and wiring.

☑ Ceilings Framed with BCI[®] Joists

The consistent size of BCI[®] Joists helps keep gypsum board flat and free of unsightly nail pops and ugly shadows, while keeping finish work to a minimum.

☑ VERSA-LAM[®] Beams for Floor and Roof Framing

These highly-stable beams are free of the large-scale defects that plague dimension beams. The result is quieter, flatter floors (no camber) and no shrinkage-related call-backs.

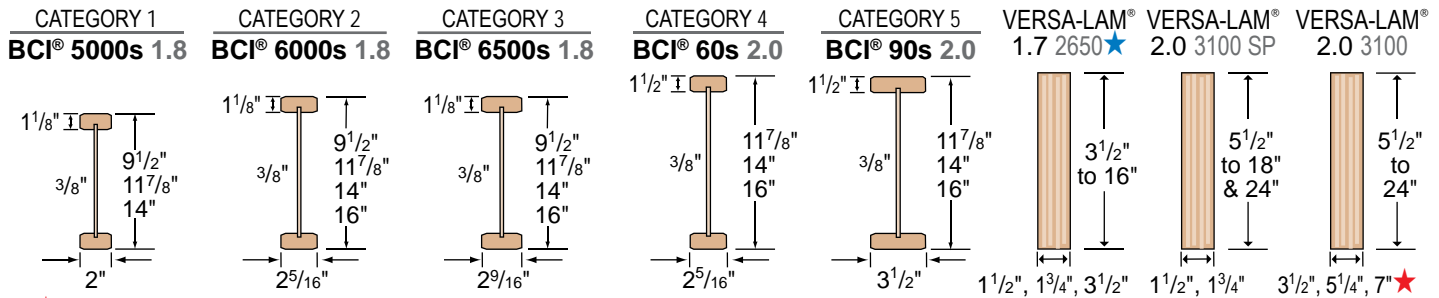
☑ Boise Rimboard

Boise Engineered Wood Products offer several engineered rimboard products regionally, including BC RIM BOARD[®] OSB, BC RIM BOARD[®] and VERSA-RIM[®] (check supplier or Boise EWP representative for availability). These products work with BCI[®] Joists to provide a solid connection at the critical floor/wall intersection.

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BCI® Joists



★Product may not be available. Check with supplier or Boise representative for availability.

Increase in category is an increase in span length. See page 4 for BCI® Residential Floor Span Tables.

★For further information, refer to VERSA-LAM® 1.7 2650 Header Guide.



BCI® Joist Architectural Specifications

Scope: This work includes the complete furnishing and installation of all BCI® Joists as shown on the drawings, herein specified and necessary to complete the work.

Materials: BCI® Joists shall be manufactured by Boise Engineered Wood Products with oriented strand board webs, VERSA-LAM® laminated veneer lumber flanges and waterproof, structural adhesives.

Joist webs shall be graded Structural I Exposure 1 by an agency listed by a model code evaluation service. Strands on the face layers of the web panels shall be oriented vertically in the joist. The web panels shall be glued together to form a continuous web member. The web panels shall be machined to fit into a groove in the center of the wide face of the flange members so as to form a pressed glue joint at that junction.

Design: The BCI® Joists shall be sized and detailed to fit the dimensions and loads indicated on the plans. All designs shall be in accordance with allowable values and section properties developed in accordance with ASTM D5055 and listed in the governing code evaluation service's report.

Drawing: Additional drawings showing layout and detail necessary for determining fit and placement in the building are (are not) to be provided by the supplier.

Fabrication: The BCI® Joists and section properties shall be manufactured in a plant evaluated for fabrication by the governing code evaluation service and under the supervision of a third-party inspection agency listed by the corresponding evaluation service.

Storage and Installation: The BCI® Joists, if stored prior to erection, shall be stored in a vertical and level position and protected from the weather. They shall be handled with care so they are not damaged.

The BCI® Joists are to be installed in accordance with the plans and the Boise Engineered Wood Products Installation Guide. Temporary construction loads which cause stresses beyond design limits are not permitted. Erection bracing shall be provided to keep the BCI® Joists straight and plumb as required and to assure adequate lateral support for the individual BCI® Joists and the entire system until the sheathing material has been applied.

Codes: The BCI® Joists shall be evaluated by a model code evaluation service.