

# Specification Guide

## 1.0 GENERAL

**KRB GLULAM** is manufactured from Norway Spruce **machine stress rated (MSR)** laminates produced from the European Forest managed by Holzwerke Bullinger. It is composed of various **MSR** laminates arranged to obtain optimum utilization of each laminate to develop maximum strength and reliability.

## 2.0 INTENDED USE

This product is intended to be used as beams, headers, columns or rafters under dry conditions.

## 3.0 DIMENSIONS AND COMPOSITION

- Nominal Widths: From 2-1/2" to 9-1/2"
- Nominal Depths: From 5-1/2" to 24"
- Actual Lengths: Up to 51'

## 4.0 MATERIALS

### Lumber

- **MSR** Norway Spruce that is laminated into rectangular cross sections.
- Specific gravity for nail and bolt design is 0.44.

### Adhesive

Exterior type, which complies with ASTM 2559. Glue bond requirements shall meet or exceed AITC A190.1 for Structural Glued Laminated Timber.


## 5.0 TOLERANCES

Width:  $\pm 1/16"$  (2.0 mm)  
 Depth:  $\pm 1/8"$  (3.0 mm)  
 Length: + 1/4" (6.0 mm) on cut to length material + 3" (75.0 mm) on stock length (48' & 51')

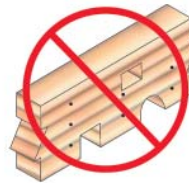
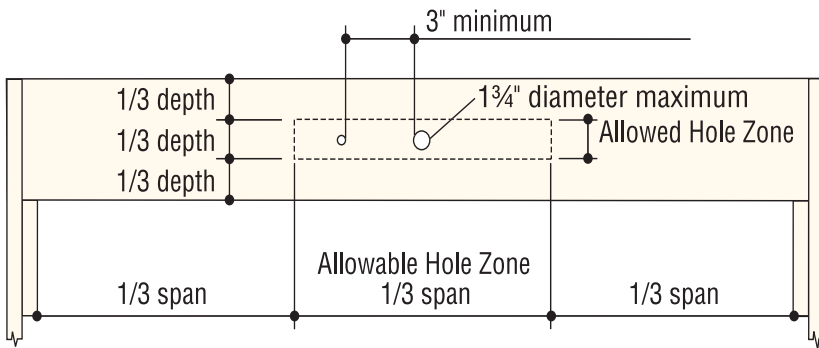
## 6.0 QUALITY CONTROL

**KRB GLULAM** is manufactured in accordance with the ANSI/AITC A190.1 standard. The beams are manufactured under the quality control compliance assurance and inspection acceptance of PFS Corporation.

## 7.0 IDENTIFICATION

|  |                                    |
|--|------------------------------------|
| ARCH or IND  | Glu Lam Beams - CB                 |
|  | ANSI/AITC A190.1                   |
|  | ICC-ES ESR-1621                    |
|  | F <sub>b</sub> =2400 PSI E=1.8 PSI |
|  | PFS Report No. 1251                |
| NORWAY SPRUCE  | Mill #678                          |

## Allowable Holes for Uniformly Loaded Beams



### General Notes:

1. This hole chart is for typical beam applications only, and covers uniform loads and span conditions provided in this brochure.
2. **NO** square holes are allowed.
3. For other hole configurations, contact your design professional or supplier for assistance.

## Bearing Information

