



## BCI<sup>®</sup> Door & Window Header Load Table

### BCI Headers without Web Stiffeners

| Allowable Uniform Load (lb/ft) |                           |             |                 |                                       |             |                 |                |             |                 |
|--------------------------------|---------------------------|-------------|-----------------|---------------------------------------|-------------|-----------------|----------------|-------------|-----------------|
| Header Span (ft)               | 9 1/2" & 11 7/8" BCI 5000 |             |                 | 9 1/2" & 11 7/8" BCI 6000 / 6500 / 60 |             |                 | 11 7/8" BCI 90 |             |                 |
|                                | Floor (100%)              | Snow (115%) | Non-Snow (125%) | Floor (100%)                          | Snow (115%) | Non-Snow (125%) | Floor (100%)   | Snow (115%) | Non-Snow (125%) |
| 3                              | 475                       | 546         | 593             | 587                                   | 675         | 733             | 712            | 818         | 890             |
| 4                              | 316                       | 363         | 395             | 391                                   | 449         | 488             | 475            | 546         | 593             |
| 5                              | 296                       | 340         | 370             | 367                                   | 422         | 458             | 445            | 511         | 556             |
| 6                              | 237                       | 272         | 296             | 293                                   | 336         | 366             | 356            | 409         | 445             |

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|                                | Floor (100%)              | Snow (115%) | Non-Snow (125%) | Floor (100%)                          | Snow (115%) | Non-Snow (125%) | Floor (100%)   | Snow (115%) | Non-Snow (125%) |
| 3                              | 562                       | 646         | 702             | 687                                   | 790         | 858             | 925            | 1063        | 1156            |
| 4                              | 375                       | 431         | 468             | 458                                   | 526         | 572             | 616            | 708         | 770             |
| 5                              | 351                       | 403         | 438             | 429                                   | 493         | 536             | 578            | 664         | 722             |
| 6                              | 281                       | 323         | 351             | 343                                   | 394         | 428             | 462            | 531         | 577             |

**Notes:**

- 1) Round the actual header clear span up the net whole foot. Do not interpolate between spans.
- 2) Table values are for single headers. **Double the table values for double headers.**
- 3) Table values are based on equal concentrated loads from joists or rafters spaced up to 24 inches on-center, bearing on top of BCI header.
- 4) This table was designed to apply to a broad range of applications. It may be possible to exceed the limitations of this table by analyzing a specific application.
- 5) Refer to the Allowable Uniform Load tables in the Specifier Guide for BCI header spans longer than 6 feet.
- 6) BCI header may be supported at ends by double 2x\_ trimmer or 2x\_ plate under header with single 2x\_ trimmer.
- 7) See Boise Cascade EWP Technical Note IJ-13 for connection provisions for double BCI joist members.
- 8) Table values valid for: BCI 5000 1.7 or 5000s 1.8, BCI 6000 1.8 or 6000s 1.8, BCI 6500 1.8 or 6500s 1.8, BCI 60 2.0 or 60s 2.0, BCI 90 2.0 or 90s 2.0.