
HARDWOOD STAIR TREADS AND RISERS DETAIL REQUIREMENTS

Commercial Standards CS 89-40

- GRADING.** Hardwood Stair Treads, and Risers, which may be glued up for width or one piece, shall be as follows:
- CLEAR GRADE.** The Tread Nosing and the Face of Treads and Risers shall be clear and free of sapwood. In glued-up stock, the pieces shall be well matched for color and grain. Streaks may be admitted, but not more than two in any one Tread or Riser and not over six inches long in the aggregate.
- SELECT GRADE.** The Tread Nosing and the face of Treads and Risers may contain slightly chipped grain; streaks; bright sapwood; sound tight knots not over 1/4" in diameter and not more than two in each piece, spot-worm holes 1/16" in diameter or less, to the extent of one per linear foot.

Reprint by **YOUNG MANUFACTURING COMPANY, INC.**
Beaver Dam, KY 42320

GRADING RULES FOR YELLOW POPLAR TREADS AND RISERS

- A. C & Btr. POPLAR TREADS AND RISERS**
A choice quality, reasonably clear grade that will accept the following on the face:
1. Knots: One 1 1/2" sound knot per piece OR
Two 3/4" sound knots per piece OR
Three 1/2" sound knots per piece.
 2. Holes: None permitted.
- Reverse side is graded as #2 boards.
- B. CARPET GRADE TREADS AND RISERS**
A grade that is structurally sound and designed specifically for carpeted applications.
1. Sound knots up to 4 1/2" permitted.
 2. Skip Milling - Not more than 25% of face, or closer than 1" to nose.
 3. Checks or Splits - Not more than 1/4 length of piece.
 4. 1/4" through holes permitted.

Adapted from Southern Pine Inspection Bureau Grading Rules
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