

# ORNAMENTAL

— DECORATIVE MILLWORK —

## Natural Grade Wood Program Quality Standards

June 1, 2023

The Natural wood program will be comprised of wood from FAS grade lumber and “uppers” from 1C grade. Parts will retain many of the natural characteristics inherent in FAS lumber per species.

- Each board will have at least one “A” or better face. More natural characteristics are allowed on the back or “B” face.
- If relevant, any labels applied should ALWAYS be placed on the B or lower grade face.

**Inspector discretion** – An excessive number of the below characteristics (for example if majority of the best face consists of these characteristics) will disqualify the board from the grade (even on the B surface). The final inspector can disqualify the board to be remanufactured to a shorter, narrower, or lower grade board.

### *Allowable characteristics*

- Board Size – Overall board profile will be +/- 1/32” in width and thickness. Overall board length will be +/- 3/8” tolerance.
- Sap wood – Up to 30% of board’s A (best) face may be “sapwood” in cherry, ash, walnut, or hickory.
- Mineral/discoloration – up to 30% of board’s A (best) face may be mineral streaks or discoloration if inherent in species... examples include but not limited to – black/purple/olive in poplar, brown or black in hickory, dark red in red oak, brown in white oak, etc.
- Skip dressed or Scant boards – No discernible saw marks allowed on either surface in this grade.
- Warp/Twist/Bow/Cup – Boards will have not more than ½” corner rock due to twist, no more than 1” end-to-end crook, no more than 2” bow (lying flat), and no more than 1/8” cup. Any two of these features should cull the board.
- Sound Knots – As much as 10% of A (best) face of board may be comprised of sound knot(s) granted there is no significant daylight showing through any of them. Questionable knots should be checked and removed/repaired if found unsound.
- Knot holes, split knots, holes, etc... – No open knots or other open defects.
- Putty repairs – Preferably no putty repairs on this grade unless it is small and indiscernible.
- End Check – No end checks wider than 1/16” and no deeper than 1/2”. Longer/deeper hairline cracks may be acceptable in some cases if board integrity is not compromised. Inspector discretion.
- Honeycomb/Season splits/Windshake/Other “drying” defects – Small indiscernible, or drying defects that blend in with the natural appearance of the board are acceptable.
- Wane – NO wane on A face of board. No more than ¼” x ¼” x 6” wane on B face of board.
- Tear-out/Chip-out – No noticeable tear-out or chip-out allowed on either face.
- Rot/bark – No rot or bark allowed on either surface.
- Wormholes – No wormholes allowed in this grade.
- Moulder burns – No moulder burns of any sort on A face. One translucent burn light in color and no deeper than 1/32” are acceptable on B face. Inspector discretion.
- Planer/Moulder bites/snipe – No discernible bite or snipe on either face of board is acceptable.