

Paint Grade

The beauty and character of wood

It is as difficult to adequately describe the natural beauty and character of wood as it is to describe an original painting in oil. In fact, this is more than a passing comparison. A tree and a painting are both originals, and each is the only one of its kind.





VENEER SUMMARY TABLE

This cut follows the log's annual growth rings, providing a generally bold random appearance.

| SpeciesBirchCutRotaryGrade descriptionSound (Paint)CDLOR AND MATCHINGNaturalSapwoodYesHeartwoodYesColor streaks or spotsYesColor variationYesSharp color contrasts at jointsYesTYPE OF MATCHINGTyesBook matchedYesSlip matchedNoNominal minimum width of face componentsRotary 3" (76 mm)NATURAL CHARACTERISTICSSmall conspicuous burls and pin knots - Combined average numberNo limitConspicuous burls - Maximum sizeNo limitConspicuous pin knots - Average numberNo limit- Maximum size: dark part - Maximum size itotalNo limitScattered sound and repaired knots - Combined average number1 per 4 sq. ft. (0.37 m²)- Combined average number - Maximum size - Sound - Maximum size - Sound - 1/2" (13 mm)1 per 4 sq. ft. (0.37 m²)- Maximum size - Repaired - Average number - Repaired - 1/2" (13 mm)1 per 8 sq. ft. (0.74 m²)Mineral streaks - YesFew to 1/4" x 2" (6 mm x 51 mm)Worm tracks - YesYesVine marks - YesYesCross bars - YesManuffacturing CHARACTERISTICSRough cut - Two 8" (203 mm) diameter or equivalentBlended repaired tapering hairline splitsFour 3/16" x 8" (4.8 mm x 203 mm)Repairs - Yes | | |
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| Rough cut Two 8" (203 mm) diameter or equivalent Blended repaired tapering hairline splits Four 3/16" x 8" (4.8 mm x 203 mm) | Cross bars | Yes |
| Blended repaired tapering Four 3/16" x 8" (4.8 mm x 203 mm) | MANUFACTURING CHARACTERISTICS | |
| Blended repaired tapering Four 3/16" x 8" (4.8 mm x 203 mm) | Rough cut | Two 8" (203 mm) diameter |
| hairline splits (4.8 mm x 203 mm) | | or equivalent |
| hairline splits (4.8 mm x 203 mm) | Blended repaired tapering | Four 3/16" x 8" |
| Repairs | | (4.8 mm x 203 mm) |
| | Repairs | Yes |

ADAPTED FROM HPVA LATEST EDITION.

-Rotary-

Rotary (lathe) Wide sheets (whole piece) Broad pattern Difficult matching Used primarily on economy or commercial grades. Very broad pattern

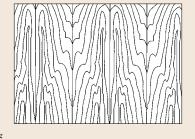
MATCHING BETWEEN INDIVIDUAL PIECES OF VENEER

Leaf matching

The way in which the individual cuts are placed next to each other during the fabrication of the veneer face is the next factor affecting the appearance of the doors. The type of match at the joint line could be any below.

BOOK MATCH

The most commonly used match in the industry. Every other piece of veneer is turned over so adjacent pieces are opened like two adjacent pages in a book. The veneer joints match and create a mirrored image pattern at the joint line, yielding



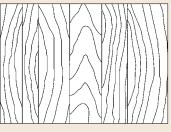
a maximum continuity of grain. Book matching is used with rotary, plain sliced, quarter, rift cut or comb grain veneers.

Barber pole effect in book match

Because the "tight" and "loose" faces alternate in adjacent pieces of veneer, they may accept stain differently, and this may result in a noticeable color variation called barber poling.

RANDOM MATCH

A random selection of individual pieces of veneer from one or more logs produces a "board like" appearance. It is most commonly used in opaque and "good" grade doors.



OR

WHOLE PIECE



Book and random match or whole piece

