





The Tru&Modern Flush Door (TMF Series) product represents a whole new approach to the flush door. One where we engineer for quality and beauty from the start. That's why we say this is the only wood flush door that has been developed specifically for today's modern custom homes. We hope you'll see the attention to detail and care we've put into developing this product for you.

TMF1000 in walnut with Nutmeg stain
and flush-to-wall jamb



This guide is designed to be a reference for TruStile standards for Tru&Modern Flush Doors.

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- Top:** TMF1000 in walnut with Cappuccino finish and drywall return jamb
- Center:** TMF1000 in wahogany with Ebony finish and flush-to-wall jamb
- Bottom:** TMF1000 in plain sawn white oak with Grey Mist finish and drywall return jamb

Flush MDF Door Construction

Core Construction

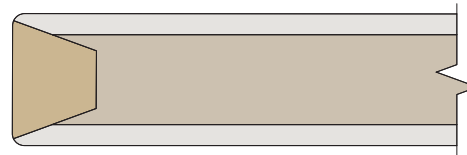
- Highest quality super-refined MDF
- Extremely stable LSL core
- Comes standard with the Wedge Edge®, our field-proven hardwood edge system

Available Door Sizes

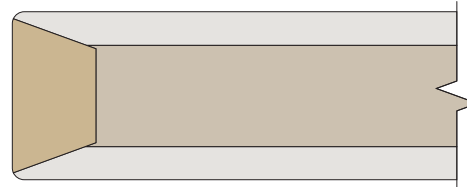
- Available in 1-3/8", 1-3/4" and 2-1/4" thicknesses
- Maximum size: 4' wide x 10' tall

Fire Rating

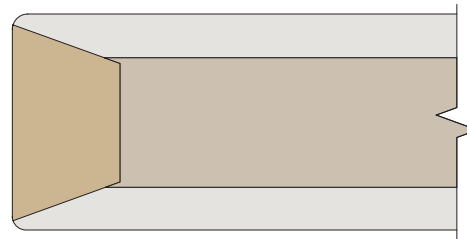
- Available 20- to 90-minute



1-3/8" Flush MDF Door Cross Section



1-3/4" Flush MDF Door Cross Section



2-1/4" Flush MDF Door Cross Section

- Super-Refined MDF
- LSL Core
- Poplar Wedge Edge

Flush Wood Door Construction

Core Construction

- Extremely stable LSL core
 - Ultra smooth HDF skins
 - 5/8" Hardwood lumber bands around all four sides
- Doors under 80" tall do not include bottom hardwood lumber band*

Veneer Specification

- 1/16" Veneer
- 4" – 6" Minimum widths
- Consistent widths within face

Color & Grain Matching

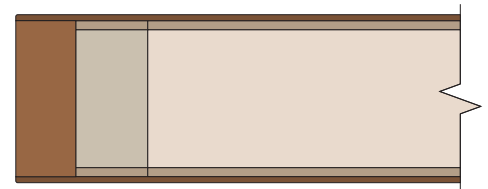
- Specific in-house matching rules based on species, cut & direction
- Focus on visual appeal rather than yield

Available Door Sizes

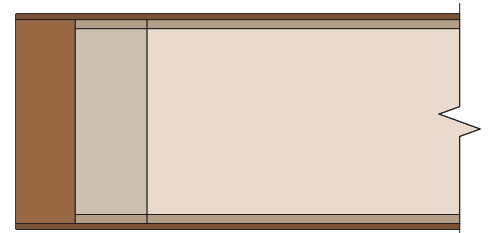
- Available in 1-3/4" thickness only
- Maximum size: 4' wide x 10' tall

Fire-Rating

- Available 20- to 90-minute



1-3/4" Flush Wood Door Cross Section



2-1/4" Flush Wood Door Cross Section

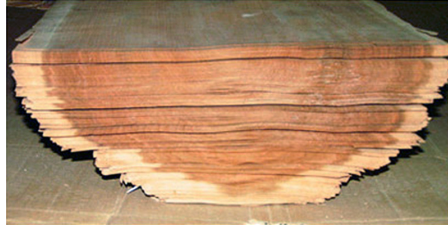
Flush wood not available in 1-3/8"

- 1/16" Veneer Faces
- 5/8" Hardwood Lumber Bands
- 3/4" LSL Band
- HDF Backer
- LSL Core

Veneer Selection

TruStile's Flush Doors are hand crafted to accentuate the beauty found in nature. We apply strict standards based on species to achieve a look that focuses on beauty vs. yield.

- 100% 1/16" flitch veneers
- Sequenced bundles for each face
- Focused on beauty



The best trees are sold as 1/2 logs, called flitches, to veneer houses that slice them into veneer sheets.

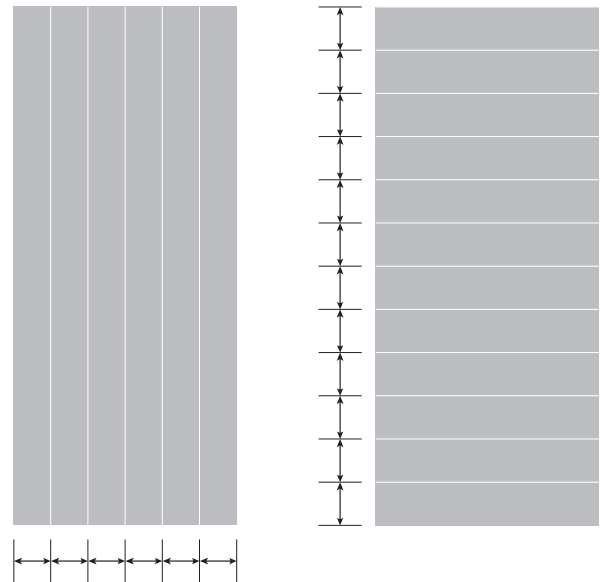


The sheets are then bundled in sequence for sale. TruStile purchases as many sequenced bundles as possible within our grading requirements.

Veneer Widths

TruStile will guarantee 4", 5" or 6" minimum veneer width and all equal veneers across the face of our doors.

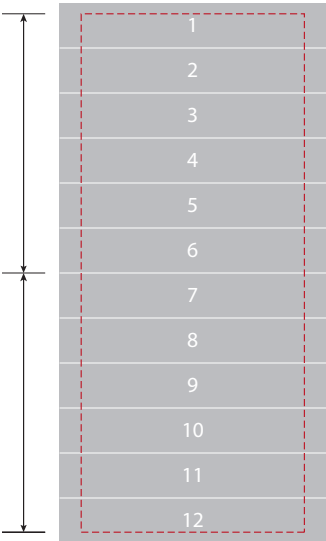
Wood Species		Minimum Veneer Width
Quarter Sawn White Oak	Rift Sawn White Oak	4"
Mahogany Quarter Sawn Red Oak Rift Sawn Red Oak	Vertical Grain Douglas Fir Walnut	5"
Cherry Clear Pine Hickory Knotty Alder Knotty Pine	Paint-Grade Poplar Plain Sawn Red Oak Plain Sawn White Oak Select Alder Stain-Grade Poplar	6"



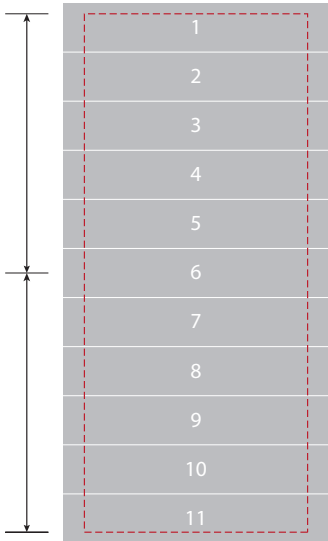
Flush wood doors feature minimum 4", 5" or 6" veneers widths, equally sized and spaced across the face of the door.

Horizontal Veneer Placement

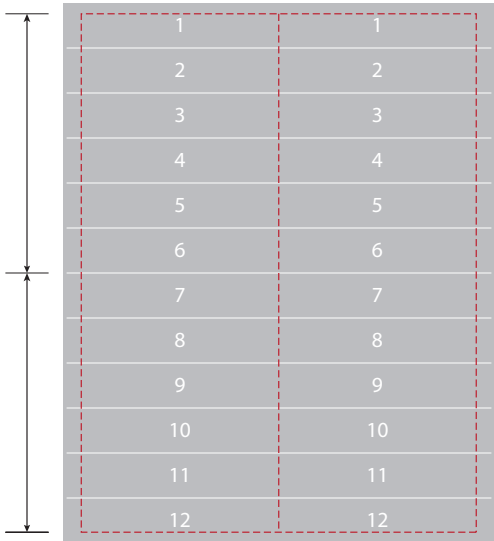
Horizontal veneers will be laid up and cut to ensure a balanced or centered look across doors



On single doors with equal number of sheets, the center seam will fall in the center of the slab.



On single doors with unequal number of staves, the middle sheet will fall in the center of the slab.



Pairs of doors are treated like a single wide door. The position of the veneers is then transferred to the individual slabs to ensure the veneer pattern aligns across both faces.

Horizontal Veneer Matching

The starting point in creating a TruStile Wood Door is our veneer application standards. We handcraft each face to optimize the beauty found in natural wood. **NOTE: PAIRS ARE MATCHED STANDARD. IF USING IN A PAIR APPLICATION, PLEASE ORDER AS A PAIR.**

We have 3 standard face composition methods for horizontal grain wood flush doors:

Wood Characteristics	Wood Species		Veneer Match
Tighter, more consistent grain	Mahogany	Rift Sawn Red Oak	Slip Match <i>See page 7</i>
	Quarter Sawn Red Oak	Rift Sawn White Oak	
	Quarter Sawn White Oak	Vertical Grain Douglas Fir	
Highly figured with more cathedraling	Cherry	Plain Sawn White Oak	Rotated Slip Match <i>See page 8</i>
	Clear Pine	Select Alder	
	Paint-Grade Poplar	Stain-Grade Poplar	
	Plain Sawn Red Oak	Walnut	
High character rustic	Hickory	Knotty Pine	Random Matched <i>See page 9</i>
	Knotty Alder		

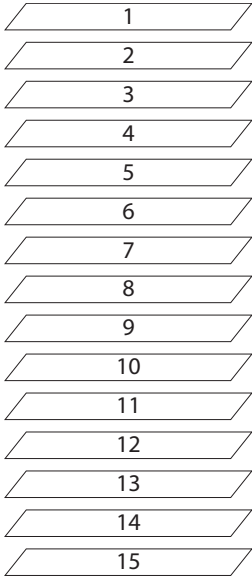
Slip Matched Veneers

Flush doors with horizontal veneers are slip matched as standard on these wood species:

- Mahogany
- Quarter Sawn Red Oak
- Quarter Sawn White Oak
- Rift Sawn Red Oak
- Rift Sawn White Oak
- Vertical Grain Douglas Fir

Single Doors

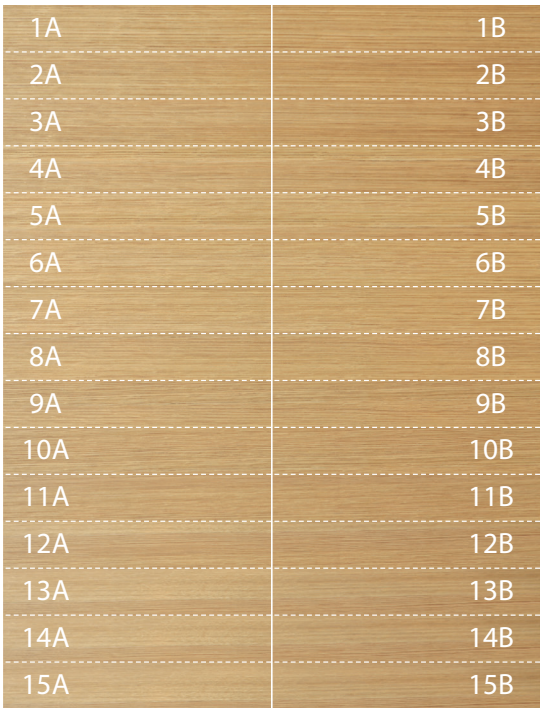
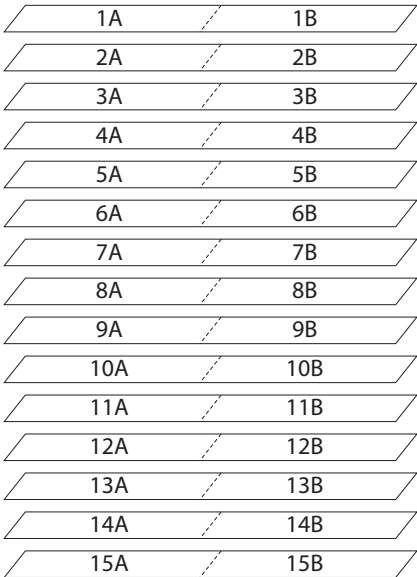
Species with more consistent, tighter grain patterns will be slip matched.



Pair of Doors

Pairs of doors for these species will feature a slip matched look across the entire face of the pair unit.

Note: Pairs are matched standard. If using in a pair application, please order as a pair.



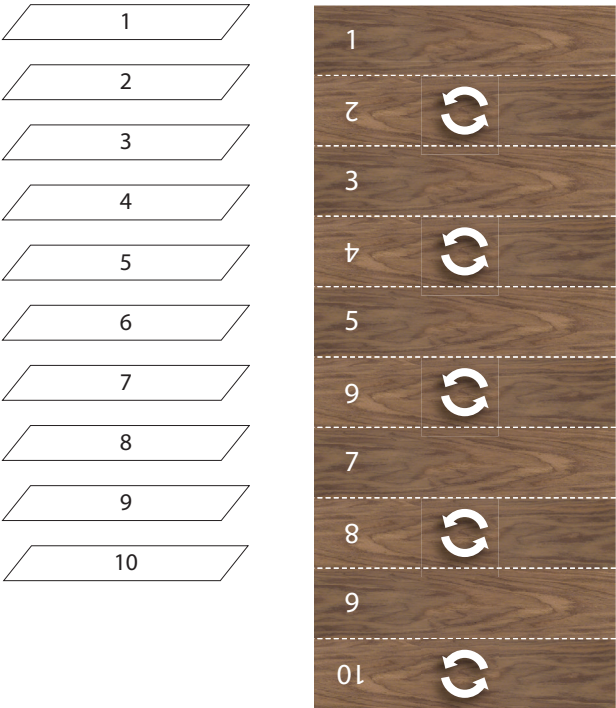
Rotated Slip Matched Veneers

Flush doors with horizontal veneers are rotated slip matched as standard on these wood species:

- Cherry
Clear Pine
Paint-Grade Poplar
- Plain Sawn Red Oak
Plain Sawn White Oak
Select Alder
- Stain-Grade Poplar
Walnut

Single Doors

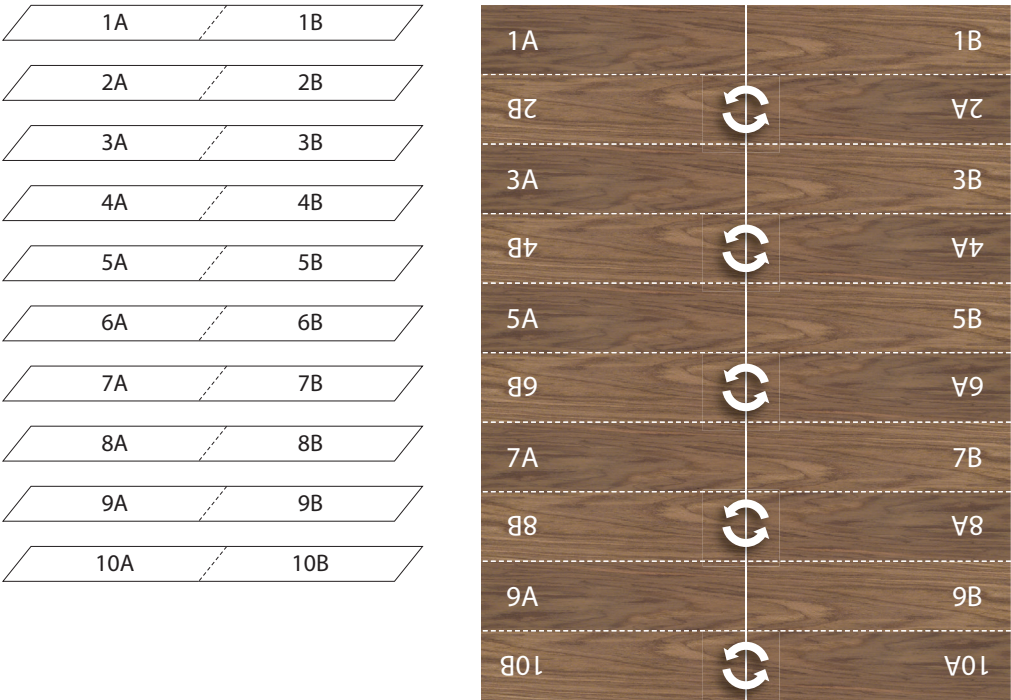
Species with more figuring and cathedraling will feature rotating slip match .



Pair of Doors

Pairs will carry this rotated slip match across the entire face of the pair.

Note: Pairs are matched standard. If using in a pair application, please order as a pair.



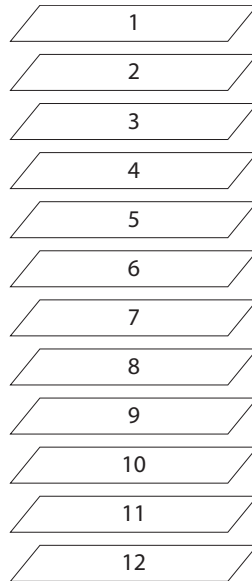
Random Matched Veneers

Flush doors with horizontal veneers are random matched as standard on these wood species:

- Hickory
- Knotty Alder
- Knotty Pine

Single Doors

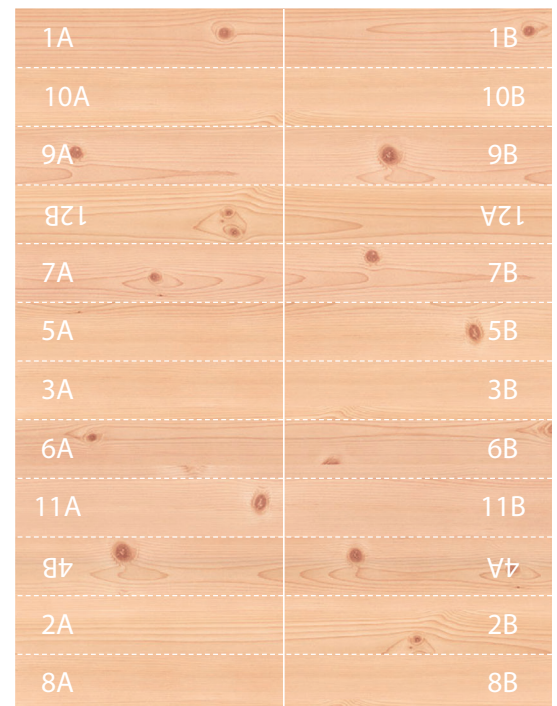
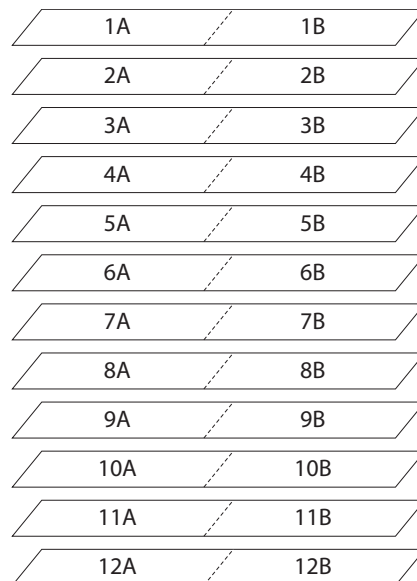
TruStile will employ a random match on more rustic species to provide authentic character.



Pair of Doors

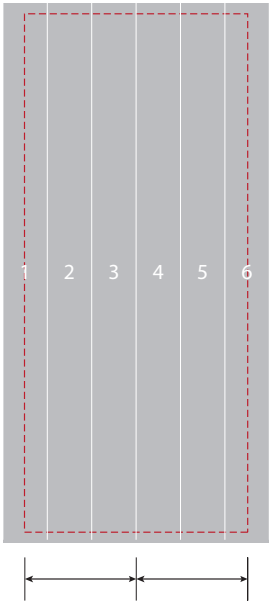
The random match rules will be carried across the face of rustic pairs.

Note: Pairs are matched standard. If using in a pair application, please order as a pair.

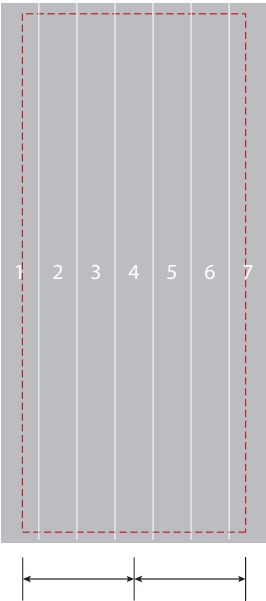


Vertical Veneer Placement

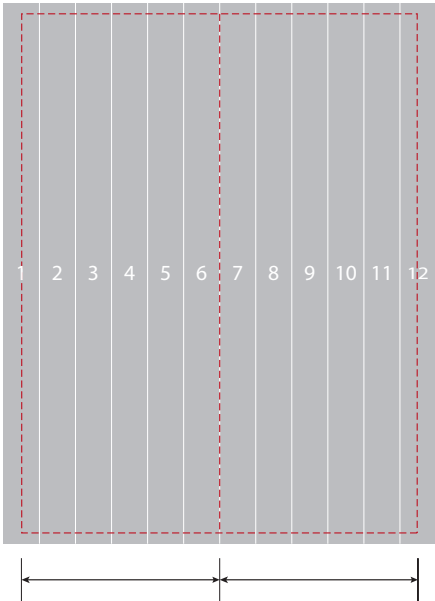
Vertical veneers will be laid up and cut to ensure a balanced or centered look across doors



On vertical flush doors with equal number of sheets, the center seam will fall in the center of the slab.



On vertical flush doors with unequal number of staves, the middle sheet will fall in the center of the slab.



Pairs of doors are treated like a single wide door. The position of the veneers is then transferred to the individual slabs to ensure the veneer pattern aligns across both faces.

Vertical Veneer Matching

The starting point in creating a TruStile Wood Door is our veneer application standards. We handcraft each face to optimize the beauty found in natural wood. **NOTE: PAIRS ARE MATCHED STANDARD. IF USING IN A PAIR APPLICATION, PLEASE ORDER AS A PAIR.**

We have 3 standard face composition methods for vertical grain wood flush doors:

Wood Characteristics	Wood Species		Veneer Match
Tighter, more consistent grain	Quarter Sawn Red Oak	Rift Sawn White Oak	Slip Match <i>See page 11</i>
	Rift Sawn Red Oak	Vertical Grain Douglas Fir	
	Quarter Sawn White Oak	Mahogany	
Highly figured with more cathedraling	Cherry	Select Alder	Book Matched <i>See page 12</i>
	Clear Pine	Plain Sawn Red Oak	
	Paint-Grade Poplar	Plain Sawn White Oak	
	Stain-Grade Poplar	Walnut	
High character rustic	Knotty Alder	Hickory	Random Matched <i>See page 13</i>
	Knotty Pine		

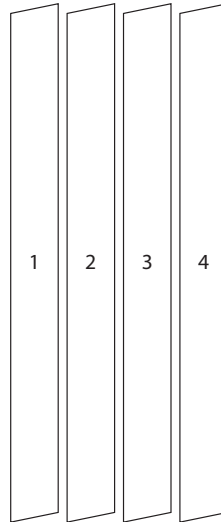
Slip Matched Veneers

Flush door with vertical veneers are slip matched as standard on these wood species:

- Mahogany
- Quarter Sawn Red Oak
- Quarter Sawn White Oak
- Rift Sawn Red Oak
- Rift Sawn White Oak
- Vertical Grain Douglas Fir

Single Doors

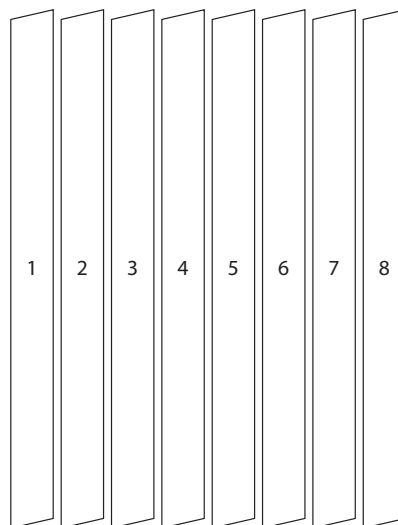
Species with more consistent, tighter grain patterns will be slip matched.



Pair of Doors

Pair of doors for these species will feature a slip matched look across the entire face of the pair unit.

Note: Pairs are matched standard. If using in a pair application, please order as a pair.



Book Matched Veneers

Flush doors with vertical veneers are book matched as standard on these wood species:

- | | | |
|--------------------|----------------------|--------------------|
| Cherry | Plain Sawn Red Oak | Stain-Grade Poplar |
| Clear Pine | Plain Sawn White Oak | Walnut |
| Paint-Grade Poplar | Select Alder | |

Single Doors

Species with more figuring and cathedraling will feature book match.



Pair of Doors

Pairs will carry this book match across the entire face of the pair.

Note: Pairs are matched standard. If using in a pair application, please order as a pair.



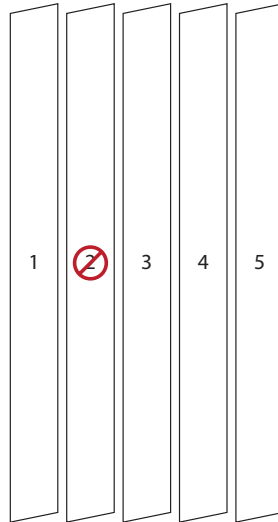
Random Matched Veneers

Flush doors with vertical veneers are random matched as standard on these wood species:

- Hickory
- Knotty Alder
- Knotty Pine

Single Doors

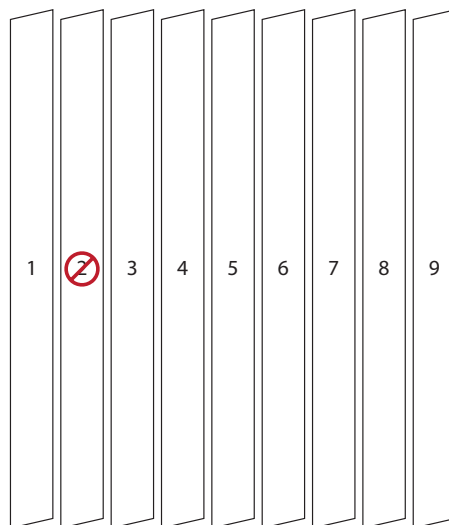
TruStile will employ a random match on more rustic species to provide authentic character.



Pair of Doors

The random match rules will be carried across the face of rustic pairs.

Note: Pairs are matched standard. If using in a pair application, please order as a pair.



Characteristics of Natural Wood

It is expected that wood will have naturally occurring variation. TruStile uses HPVA AA standards as a starting point to set the allowable variations by species for our Flush Wood Doors. In all cases we seek to meet or exceed HPVA AA standards.

	Bark Pocket	Bird Peck	Burl	Cross Bars	Gum Spot or Pocket	Mineral Streak	Pin Knot	Pitch Streak	Ray or Fleck	Sound Knot	Vine Mark	Worm Track	Worm Hole
Alder, Knotty	●		●			●	●			●	●	●	●
Alder, Select	●		●			●	●			●	●	●	●
Cherry	●		●		●	●	●			●	●	●	●
Douglas Fir						●	●	●		●	●	●	●
Hickory	●	●				●	●			●	●	●	●
Mahogany				●		●	●			●	●	●	●
Pine, Clear							●	●		●			
Pine, Knotty							●	●		●			
Poplar, Paint-Grade						●	●			●	●	●	●
Poplar, Stain-Grade						●	●			●	●	●	●
Red Oak, Plain Sawn						●	●		●	●	●	●	●
Red Oak, Quarter Sawn						●	●		●	●	●	●	●
Red Oak, Rift Sawn						●	●		●	●	●	●	●
White Oak, Plain Sawn						●	●		●	●	●	●	●
White Oak, Quarter Sawn						●	●		●	●	●	●	●
White Oak, Rift Sawn						●	●		●	●	●	●	●
Walnut			●				●			●	●	●	●



Bark Pocket

Small area of bark around which normal wood has grown



Bird Peck

Mark or wound in the wood caused by birds pecking on the growing tree



Burl

Swirl, twist or distortion in the grain which usually occurs near a knot; abrupt color variation and/or cluster of small dark spots



Cross Bars

Irregularity of grain resembling a dip in the grain running at right angles to the length of the veneer



Gum Spot or Pocket

Well defined brown or black spots containing gum; often round or teardrop-shaped



Mineral Streak

Well defined streak ranging from greenish-brown to black and running parallel with grain



Pin Knot

Knot that is solid across its face, at least as hard as surrounding wood and shows no sign of decay; typically 1/4" in diameter



Pitch Streak

A well-defined accumulation of pitch in the wood cells; similar to a mineral streak



Ray or Fleck

Stripes of cells that extend radially; dominant in oak



Sound Knot

Knot that is solid across its face, at least as hard as surrounding wood and shows no sign of decay; greater than 1/4" in diameter



Vine Mark

Scar in the wood caused by the stems of clinging vines; may contain dead residue of the vine



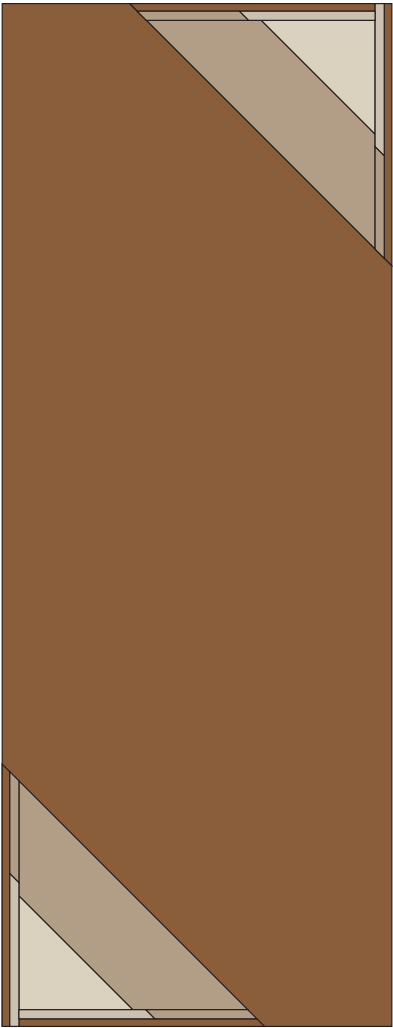
Worm Track

Mark caused by attacking larvae; often appear as discolorations running with or across the grain in straight to wavy streaks



Worm Hole

Round holes resulting from an infestation of worms



- 1/16" Veneer Faces
- 5/8" Hardwood Lumber Bands
- 3/4" LSL Cross Band
- HDF Backer
- LSL Core



TruStile flush wood doors feature hand-selected veneers, precision matched to optimize the beautiful character found across each species of natural wood.

Distinguishing Features:

- Hand matched 1/16" veneers available in horizontal and vertical grain
- Highly engineered core provides stability for the door, while the matching hardwood edge provides a beautiful finish

Specification	Description
Thickness	1-3/4"
Maximum size	48" x 120"
Matching for Pairs	Pair matching standard
Stiles	5/8" wood laminated to 3/4" laminated strand lumber (LSL)
Rails	5/8" wood laminated to 3/4" laminated strand lumber (LSL)
Core	HDF-faced laminated strand lumber (LSL) core
Face	1/16" wood veneer
Options	20-, 45-, 60- and 90-minute rating <i>Refer to fire door section of our website for details</i>
Notes	Doors under 80" tall will not have bottom lumber band
Warranty	Life of original installation <i>See our website for complete warranty details</i>
Factory finish	Standard stains Custom color match available

Front Cover

TMF1000 in rift sawn white oak with Hazelnut stain and flush-to-wall jamb with F-trim drywall reveal

Back Cover

TMFG2012 in mahogany with Slate finish, stopped-in white lami glass and flush-to-wall jamb with built-in reveal



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