**Construction**

**Horizontal Edges**
- Top and bottom rails – structural composite lumber
- Bonded to core
- 1” minimum after factory trim
- No additional blocking required for thru bolted closers

**Vertical Edges**
- Matching vertical edges
- Bonded to core
- Structural composite lumber (SCL) laminated to a matching hardwood face (standard for Oak, Birch, and Maple)
- Structural composite lumber (SCL) laminated with a matching veneer edge band on veneers other than listed above as standard with optional hardwood stiles face available.

**Core**
- Structural composite lumber
- Meets requirements of LEED MR4
- Contains no added Urea-formaldehyde

**Fire Rating**
- 20 minute fire rating
- Meets UL 10b (neutral pressure) and UL 10c (positive pressure) Category “B” requirements
- Meets to UL 10c (positive pressure) Category “A”

**Adhesive**
- Doors constructed using Type I adhesives which contain no added Urea-formaldehyde

**Construction Grade**
- Performance: WDMA/AWS – Extra Heavy Duty
- Aesthetic: WDMA – Premium Grade
CONSTRUCTION CONT.

Face Veneer
- Available in a wide variety of vertical & horizontal grain wood species, Medium Density Overlay (MDO), and Primed Hardboard
- WDMA/AWS “A” Grade, Book and Running Match, standard
- Slip, Balance, and Center Balance Match available upon request
- WDMA/AWS “AA” Grade available upon request

Crossband
- 1/16” (1.6 mm) minimum high density engineered wood composite
- Optional with no added Urea-formaldehyde

Finish
- UV cured factory finish meets or exceeds WDMA TR-6 and Architectural Woodwork Standards (AWS) First Edition – System #9
- Available in 28 standard colors and custom color match

Certifications and Sustainability:
- Optional LEED 3.0 credits available
  - MR 4 – Recycled Content (standard)
  - MR 5 – Regional Materials
  - MR 7 – FSC Certified Wood
  - IEQ 4.4 – Low-emitting Materials
- California Air Resources Board (CARB)
- GreenGuard – Indoor Air Quality & Children in Schools
- Collaborative for High Performance Schools (CHPS)
**CONSTRUCTION**

**Horizontal Edges**
- Top and bottom rails – wood or composite material, specific configuration to Graham Label Service Listing
- Bonded to core
- No additional blocking required for thru bolted closers
- Optional closer & lock block available

**Vertical Edges**
- Matching vertical edges – wood or composite material, specific configuration to RITE Door Label Service Listing
- Bonded to core

**Core**
- Fire Resistant Composite Core per RITE Door Label Service Listing
- Contains no added Urea-formaldehyde

**Fire Rating**
- 45 minute fire rating
- 250 degree temperature rise
- Meets UL 10c (positive pressure) Category “A”

**Adhesive:**
- Doors constructed using Type I adhesives which contain no added Urea-formaldehyde

**Construction Grade:**
- Performance: WDMA/AWS – Extra Heavy Duty*
- Aesthetic: WDMA – Premium Grade
CONSTRUCTION CONT.

Face Veneer
- Available in a wide variety of vertical & horizontal grain wood species, Medium Density Overlay (MDO), and Primed Hardboard
- WDMA/AWS “A” Grade, Book and Running Match, standard
- Slip, Balance, and Center Balance Match, available upon request
- WDMA/AWS “AA” Grade, available upon request

Crossband
- 1/16” (1.6 mm) minimum high density engineered wood composite
- Optional with no added Urea-formaldehyde

Finish
- UV cured factory finish meets or exceeds WDMA TR-6 and Architectural Woodwork Standards (AWS) First Edition — System #9
- Available in 28 standard colors and custom color match

Certifications and Sustainability:
- Optional LEED 3.0 credits available
- MR 7 – FSC Certified Wood
- IEQ 4.4 – Low-emitting Materials
- California Air Resources Board (CARB)
- GreenGuard – Indoor Air Quality & Children in Schools
- Collaborative for High Performance Schools (CHPS)
**CONSTRUCTION**

**Horizontal Edges**
- **Top and bottom rails** – wood or composite material, specific configuration to RITE Door Label Service Listing
  - Bonded to core
  - No additional blocking required for thru bolted closers
  - Optional closer & lock block available

**Vertical Edges**
- **Matching vertical edges** – wood or composite material, specific configuration to RITE Door Label Service Listing
  - Bonded to core

**Core**
- Fire Resistant Composite Core per RITE Door Label Service Listing
  - Contains no added Urea-formaldehyde

**Fire Rating**
- 60 minute fire rating
- 250 degree temperature rise
- Meets UL 10c (positive pressure) Category “A”

**Adhesive:**
- Doors constructed using Type I adhesives which contain no added Urea-formaldehyde

**Construction Grade:**
- Performance: WDMA/AWS – Extra Heavy Duty
- Aesthetic: WDMA – Premium Grade
CONSTRUCTION CONT.

Face Veneer
- Available in a wide variety of vertical & horizontal grain wood species, Medium Density Overlay (MDO), and Primed Hardboard
- WDMA/AWS “A” Grade, Book and Running Match, standard
- Slip, Balance, and Center Balance Match, available upon request
- WDMA/AWS “AA” Grade, available upon request

Crossband
- 1/16” (1.6 mm) minimum high density engineered wood composite
- Optional with no added Urea-formaldehyde

Finish
- UV cured factory finish meets or exceeds WDMA TR-6 and Architectural Woodwork Standards (AWS) First Edition — System #9
- Available in 28 standard colors and custom color match

Certifications and Sustainability:
- Optional LEED 3.0 credits available
  - MR 7 – FSC Certified Wood
  - IEQ 4.4 – Low-emitting Materials
- California Air Resources Board (CARB)
- GreenGuard – Indoor Air Quality & Children in Schools
- Collaborative for High Performance Schools (CHPS)
**TRUE WOOD DOOR**

**SERIES & CONSTRUCTION**

**WRD-FD90**

**5-PLY FIRE CORE**

---

**CONSTRUCTION**

**Horizontal Edges**
- Top and bottom rails – wood or composite material, specific configuration to RITE Door Label Service Listing
- Bonded to core
- No additional blocking required for thru bolted closers
- Optional closer & lock block available

**Vertical Edges**
- Matching vertical edges – wood or composite material, specific configuration to RITE Door Label Service Listing
- Bonded to core

**Core**
- Fire Resistant Composite Core per RITE Door Label Service Listing
- Contains no added Urea-formaldehyde

**Fire Rating**
- 90 minute fire rating
- 250 degree temperature rise
- Meets UL 10c (positive pressure) Category “A”

**Adhesive:**
- Doors constructed using Type I adhesives which contain no added Urea-formaldehyde

**Construction Grade:**
- Performance: WDMA/AWS – Extra Heavy Duty*
- Aesthetic: WDMA – Premium Grade

---

*Adams Rite*  
ASSA ABLOY, the global leader in door opening solutions
CONSTRUCTION CONT.

Face Veneer
- Available in a wide variety of vertical & horizontal grain wood species, Medium Density Overlay (MDO), and Primed Hardboard
- WDMA/AWS “A” Grade, Book and Running Match, standard
- Slip, Balance, and Center Balance Match, available upon request
- WDMA/AWS “AA” Grade, available upon request

Crossband
- 1/16” (1.6 mm) minimum high density engineered wood composite
- Optional with no added Urea-formaldehyde

Finish
- UV cured factory finish meets or exceeds WDMA TR-6 and Architectural Woodwork Standards (AWS) First Edition — System #9
- Available in 28 standard colors and custom color match

Certifications and Sustainability:
- Optional LEED 3.0 credits available
  - MR 7 – FSC Certified Wood
  - IEQ 4.4 – Low-emitting Materials
- California Air Resources Board (CARB)
- GreenGuard – Indoor Air Quality & Children in Schools
- Collaborative for High Performance Schools (CHPS)
WRS-EC 5-PLY ENGINEERED COMPOSITE LUMBER CORE

**CONSTRUCTION**

**Horizontal Edges**
- Top and bottom rails – structural composite lumber
- Bonded to core
- 1” minimum after factory trim
- No additional blocking required for thru bolted closers

**Vertical Edges**
- Matching vertical edges
- Bonded to core
- Structural composite lumber (SCL) laminated to a matching hardwood face (standard for Oak, Birch, and Maple)
- Structural composite lumber (SCL) laminated with a matching vaneer edge band on vaneers other than listed above as standard with optional hardwood stiles face available.

**Core**
- Structural composite lumber
- Meets requirements of LEED MR4
- Contains no added Urea-formaldehyde

**Fire Rating**
- 20 minute fire rating available
- Meets UL 10c (positive pressure) Category “A”

**Adhesive**
- Doors constructed using Type I adhesives which contain no added Urea-formaldehyde

**Construction Grade**
- Performance: WDMA/AWS – Extra Heavy Duty
- Aesthetic: WDMA – Premium Grade
CONSTRUCTION CONT.

Face Veneer
- Available in a wide variety of vertical & horizontal grain wood species for Sketch Face designed door
- WDMA/AWS “A” Grade, Book and Running Match, standard
- Slip, Balance, and Center Balance Match available upon request
- WDMA/AWS “AA” Grade available upon request

Crossband
- 1/16” (1.6 mm) minimum high density engineered wood composite
- Optional with no added Urea-formaldehyde

Finish
- UV cured factory finish meets or exceeds WDMA TR-6 and Architectural Woodwork Standards (AWS) First Edition – System #9
- Available in 28 standard colors and custom color match

Certifications and Sustainability:
- Optional LEED 3.0 credits available
  - MR 4 – Recycled Content (standard)
  - MR 7 – FSC Certified Wood
  - IEQ 4.4 – Low-emitting Materials
- California Air Resources Board (CARB)
- GreenGuard – Indoor Air Quality & Children in Schools
- Collaborative for High Performance Schools (CHPS)
CONSTRUCTION

Horizontal Edges
- Top and bottom rails – wood or composite material, specific configuration to RITE Door Label Service Listing
  - Bonded to core
  - No additional blocking required for thru bolted closers
  - Optional closer & lock block available

Vertical Edges
- Matching vertical edges – wood or composite material, specific configuration to RITE Door Label Service Listing
  - Bonded to core

Core
- Fire Resistant Composite Core per RITE Door Label Service Listing
  - Contains no added Urea-formaldehyde

Fire Rating
- 45 minute fire rating
- 250 degree temperature rise
- Meets UL 10c (positive pressure) Category “A”

Adhesive:
- Doors constructed using Type I adhesives which contain no added Urea-formaldehyde

Construction Grade:
- Performance: WDMA/AWS – Extra Heavy Duty
- Aesthetic: WDMA – Premium Grade
CONSTRUCTION CONT.

Face Veneer
- Available in a wide variety of vertical & horizontal grain wood species for Sketch Face designed door
- WDMA/AWS “A” Grade, Book and Running Match, standard
- Slip, Balance, and Center Balance Match, available upon request
- WDMA/AWS “AA” Grade, available upon request

Crossband
- 1/16” (1.6 mm) minimum high density engineered wood composite
- Optional with no added Urea-formaldehyde

Finish
- UV cured factory finish meets or exceeds WDMA TR-6 and Architectural Woodwork Standards (AWS) First Edition — System #9
- Available in 28 standard colors and custom color match

Certifications and Sustainability:
- Optional LEED 3.0 credits available
  - MR 7 – FSC Certified Wood
  - IEQ 4.4 – Low-emitting Materials
- California Air Resources Board (CARB)
- GreenGuard – Indoor Air Quality & Children in Schools
- Collaborative for High Performance Schools (CHPS)
CONSTRUCTION

Horizontal Edges
- Top and bottom rails – wood or composite material, specific configuration to RITE Door Label Service Listing
  - Bonded to core
  - No additional blocking required for thru bolted closers
  - Optional closer & lock block available

Vertical Edges
- Matching vertical edges – wood or composite material, specific configuration to RITE Door Label Service Listing
  - Bonded to core

Core
- Fire Resistant Composite Core per RITE Door Label Service Listing
  - Contains no added Urea-formaldehyde

Fire Rating
- 60 minute fire rating
- 250 degree temperature rise
- Meets UL 10c (positive pressure) Category “A”

Adhesive:
- Doors constructed using Type I adhesives which contain no added Urea-formaldehyde

Construction Grade:
- Performance: WDMA/AWS – Extra Heavy Duty
- Aesthetic: WDMA – Premium Grade
CONSTRUCTION CONT.

Face Veneer
- Available in a wide variety of vertical & horizontal grain wood species for Sketch Face designed door
- WDMA/AWS “A” Grade, Book and Running Match, standard
- Slip, Balance, and Center Balance Match, available upon request
- WDMA/AWS “AA” Grade, available upon request

Crossband
- 1/16” (1.6 mm) minimum high density engineered wood composite
- Optional with no added Urea-formaldehyde

Finish
- UV cured factory finish meets or exceeds WDMA TR-6 and Architectural Woodwork Standards (AWS) First Edition — System #9
- Available in 28 standard colors and custom color match

Certifications and Sustainability:
- Optional LEED 3.0 credits available
  - MR 7 – FSC Certified Wood
  - IEQ 4.4 – Low-emitting Materials
- California Air Resources Board (CARB)
- GreenGuard – Indoor Air Quality & Children in Schools
- Collaborative for High Performance Schools (CHPS)
CONSTRUCTION

Horizontal Edges
- Top and bottom rails – wood or composite material, specific configuration to RITE Door Label Service Listing
  - Bonded to core
  - No additional blocking required for thru bolted closers
  - Optional closer & lock block available

Vertical Edges
- Matching vertical edges – wood or composite material, specific configuration to RITE Door Label Service Listing
  - Bonded to core

Core
- Fire Resistant Composite Core per RITE Door Label Service Listing
  - Contains no added Urea-formaldehyde

Fire Rating
- 90 minute fire rating
- 250 degree temperature rise
- Meets UL 10c (positive pressure) Category “A”

Adhesive:
- Doors constructed using Type I adhesives which contain no added Urea-formaldehyde

Construction Grade:
- Performance: WDMA/AWS – Extra Heavy Duty
- Aesthetic: WDMA – Premium Grade
CONSTRUCTION CONT.

Face Veneer
- Available in a wide variety of vertical & horizontal grain wood species for Sketch Face designed door
- WDMA/AWS “A” Grade, Book and Running Match, standard
- Slip, Balance, and Center Balance Match, available upon request
- WDMA/AWS “AA” Grade, available upon request

Crossband
- 1/16” (1.6 mm) minimum high density engineered wood composite
- Optional with no added Urea-formaldehyde

Finish
- UV cured factory finish meets or exceeds WDMA TR-6 and Architectural Woodwork Standards (AWS) First Edition — System #9
- Available in 28 standard colors and custom color match

Certifications and Sustainability:
- Optional LEED 3.0 credits available
  - MR 7 – FSC Certified Wood
  - EQ 4.4 – Low-emitting Materials
- California Air Resources Board (CARB)
- GreenGuard – Indoor Air Quality & Children in Schools
- Collaborative for High Performance Schools (CHPS)
TRUE WOOD DOOR

SERIES & CONSTRUCTION

PRODUCT OVERVIEW

RITE DOOR SUPREME DOOR (WRS)

Standard Features
- No added urea-formaldehyde
- Lead free
- Face veneer meets WDMA “A” grade
- Face veneer minimum 1/50” think
- Limited Lifetime Warranty
- Contributes to multiple LEED credits
- Industry leading standard color options

Sketch Door
- Standard & Custom face designs

Options
- “AA” grade face veneers

Core Types
- EC – Engineered Composite

RITE DOOR PREMIUM DOOR (WRD)

Standard Features
- All bonded construction up to 9’0” tall
- Meets WDMA I.S. 1-A premium grade
- Face veneer meets WDMA “A” grade
- Face veneer minimum 1/50” think
- Type I adhesives – face to core
- Adhesives contain no formaldehyde
- Industry leading standard color options
- Limited Lifetime Warranty
- Engineered to meet or exceed industry performance requirements

Options
- “AA” grade face veneers

Core Types
- EC – Engineered Composite
- FD – Mineral
- Internal blocking wood or fire rated mineral (Sketch Door)
EDGE OPTIONS

EDGE CONSTRUCTION

EDGE BANNED (EB)
Our standard edge for the RITE Door TRUE Wood integrated assembly is a veneer edge band material. The veneer band material is applied to the door at the factory during the manufacturing process. This provides a clean finished look to the edge of the door and hides the face veneer backer material.

HARDWARE EDGE
Hardwood edges may need to be used in some door configurations. The use of hardwood edges instead of edge banding will depend on veneer species, door height and fire rating.

In the event that the door receives hardwood edges, the door edge will sometimes, but not always, have two visible lines running the full length of the door on the hinge and lock edges of the door.

EDGE BANDING LIMITATIONS

Maximum Height
- 8 ft.

Veneer Species: Exotic Veneer Species
- In the event of exotic veneer species, it may be difficult to match either the veneer edge band or even the hardwood edge wood material to the exotic face veneer material.
## TRUE WOOD DOOR

### LABEL & RATING OPTIONS

### FIRE DOOR LISTINGS

#### SINGLE OPENING

#### CONSTRUCTION

<table>
<thead>
<tr>
<th>PAIR</th>
<th>20 MINUTE A POSITIVE</th>
<th>45, 60, 90 A POSITIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX. WIDTH</td>
<td>8'0&quot;</td>
<td>8'0&quot;</td>
</tr>
<tr>
<td>MAX. HEIGHT</td>
<td>9'0&quot;</td>
<td>9'0&quot;</td>
</tr>
<tr>
<td>THICKNESS</td>
<td>1-3/4&quot;</td>
<td>1-3/4&quot;</td>
</tr>
<tr>
<td>CORE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eng. Composite LSL</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Mineral Composite</td>
<td>X</td>
<td></td>
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<tr>
<td>STILES</td>
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<tr>
<td>Wood</td>
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<tr>
<td>Wood/LSL</td>
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<tr>
<td>Wood/Firestop</td>
<td>OPT</td>
<td>X</td>
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<tr>
<td>RAILS</td>
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<tr>
<td>Wood</td>
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<td>LSL</td>
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<td>Firestop</td>
<td>OPT</td>
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<td>DOOR FACES</td>
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<td>Wood Veneer</td>
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<td>HPL</td>
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<td>BLOCKING INCLUDED</td>
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<td>Wide Top Rail</td>
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<tr>
<td>Intermediate Rail</td>
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<td>With Electrolynx</td>
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<td>Wide Stile Back</td>
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<td>ADDED FIRE INFO.</td>
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<td>LITES – STANDARD</td>
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<td>Max. Width</td>
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<tr>
<td>Max. Height</td>
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<td>LOUVERS</td>
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<tr>
<td>Max. Height</td>
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<tr>
<td>Max. Area - square inch</td>
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*45 & 60 min. only ** 60 min. only
## TRUE WOOD DOOR

### LABEL & RATING OPTIONS

### FIRE DOOR LISTINGS

#### SINGLE DOOR

<table>
<thead>
<tr>
<th>Hardware Type</th>
<th>20 MINUTE</th>
<th>45, 60, 90</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HANGING</strong></td>
<td></td>
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<tr>
<td>Mortise Hinge</td>
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<td>X</td>
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<tr>
<td>Surface Hinge</td>
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<td>X</td>
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<tr>
<td>Anchor Hinge</td>
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<td>X</td>
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<tr>
<td>Pivot Hinge (offset only)</td>
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<td>X</td>
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<tr>
<td>Continuous Hinge</td>
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<td>X</td>
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<tr>
<td><strong>SECURING</strong></td>
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<td>Mortise Rim Exit Device</td>
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<td>X</td>
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<tr>
<td>Conc. Vertical Rod*</td>
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<tr>
<td>Lever x Lever</td>
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<td>X</td>
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<tr>
<td>Push x Pull</td>
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<td>X</td>
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<tr>
<td>Pull x Exit</td>
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<td>Electric Lock</td>
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<tr>
<td><strong>CLOSING</strong></td>
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<td>Surface Closer</td>
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<td>Conc. Arm Only</td>
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<tr>
<td>Spring Hinges</td>
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<td>Floor Closer</td>
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<td><strong>PROTECTIVE</strong></td>
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<td>Kick Plates</td>
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<td>CVR Metal Edge</td>
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<td><strong>STOPS</strong></td>
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<td>Overhead Arm Only</td>
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<td>45 Min. Only</td>
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<tr>
<td>Overhead Holder</td>
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<td>Elect. Mag. Holder</td>
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<tr>
<td><strong>MISCELLANEOUS</strong></td>
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<tr>
<td>Smoke Gasket - Surface</td>
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<tr>
<td>EPT</td>
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<td>Wood Vision Panel</td>
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<tr>
<td>Fus. Link Louver</td>
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<td>X</td>
</tr>
<tr>
<td>Wood Louver</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

*Some LBR or CTL concealed exit devices are available without “door to floor” thermal bolts. Call factory.
## TRUE WOOD DOOR
### LABEL & RATING OPTIONS
### FIRE DOOR LISTINGS

**PAIRED OPENING CONSTRUCTION**

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<td></td>
<td></td>
</tr>
<tr>
<td>Eng. Composite LSL</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Mineral Composite</td>
<td>X</td>
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*Requires use of horizontal and vertical transom bars*
## True Wood Door

### Label & Rating Options

#### Fire Door Listings

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<th>Pair</th>
<th>20 Minute A Positive</th>
<th>45, 60, 90 A Positive</th>
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</tr>
<tr>
<td>Lever x Lever</td>
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<td>X</td>
</tr>
<tr>
<td>Push x Pull</td>
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<td>X</td>
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<td>45 Min. Only</td>
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<td>45 Min. Only</td>
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<td>Smoke Gasket - Surface</td>
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<td>45, 60, 90 Min.</td>
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<td>Metal Vision Panel</td>
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<td>X</td>
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<tr>
<td>Wood Vision Panel</td>
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<td>NA</td>
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<tr>
<td>Fus. Link Louver</td>
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<td>X</td>
</tr>
<tr>
<td>Wood Louver</td>
<td>NA</td>
<td>NA</td>
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</tbody>
</table>

*All SVR-LBR and CVR-LBR are going to require thermal pin preps as such.

- 20 & 45 Min. panel - thermal pin going door to door.
- 60 & 90 Min. panel - thermal pin going door to floor.

Additional thermal pins will be supplied by customer.
## TRUE WOOD DOOR

### LABEL & RATING OPTIONS

### FIRE DOOR LISTINGS

**DOUBLE EGRESS PAIRED CONSTRUCTION**

<table>
<thead>
<tr>
<th>TRUE WOOD DOOR</th>
<th>TRUE WOOD DOOR</th>
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</table>

<table>
<thead>
<tr>
<th><strong>DOUBLE EGRESS PAIR</strong></th>
<th><strong>20 MINUTE A POSITIVE</strong></th>
<th><strong>45, 60, 90 A POSITIVE</strong></th>
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<td>8'0&quot;</td>
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<td>9'0&quot;</td>
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<td><strong>THICKNESS</strong></td>
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<td>1-3/4&quot;</td>
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<td>Mineral Composite</td>
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</tr>
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<td>X</td>
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<td>Wood/LSL</td>
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<tr>
<td>Wood/Firestop</td>
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<td><strong>RAILS</strong></td>
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<tr>
<td>Wood</td>
<td>X</td>
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<tr>
<td>LSL</td>
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<td></td>
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<tr>
<td>Wood/Firestop</td>
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<td>X</td>
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<tr>
<td>Firestop</td>
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<td>X</td>
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<td><strong>DOOR FACES</strong></td>
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</tr>
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<td>MDO</td>
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<td>X</td>
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<td>HPL</td>
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<td>Plastic/Vinyls</td>
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<td>NA</td>
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<td><strong>OPTIONS</strong></td>
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<td>Wide Bottom Rail</td>
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<td>Intermediate Rail</td>
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<td>Raceway 3/8&quot;</td>
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### ADDED FIRE INFO.

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### LITES – STANDARD

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### LOUVERS

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*Requires use of horizontal and vertical transom bars*
## TRUE WOOD DOOR

### LABEL & RATING OPTIONS

### FIRE DOOR LISTINGS

### DOUBLE EGRESS

#### PAIRED HARDWARE

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</tr>
<tr>
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<td>Anchor Hinge</td>
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<tr>
<td>Lever x Lever</td>
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</tr>
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<td>Push x Pull</td>
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<tr>
<td>Spring Hinges</td>
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<td>X</td>
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<tr>
<td>Floor Closer</td>
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<td>Smoke Gasket - Surface</td>
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<tr>
<td>EPT</td>
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<td>45, 60, 90 Min.</td>
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<td>Metal Vision Panel</td>
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<tr>
<td>Wood Vision Panel</td>
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<tr>
<td>Fus. Link Louver</td>
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<tr>
<td>Wood Louver</td>
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* All SVR-LBR and CVR-LBR are going to require thermal pin preps as such.

20 & 45 min. panel – thermal pin going door to door.
60 & 90 min. panel – thermal pin going door to floor

Additional thermal pins will be supplied by customer.
Mahogany trees can grow to 150 feet in height and more than six feet in diameter. American Mahogany comes from parts of Southern Mexico, Central America, and South America. Plantations have been established in this natural growing range and elsewhere throughout the tropics.

The sapwood of Mahogany is yellowish or whitish in color. The heartwood, however, varies from pale pink or salmon color to dark reddish brown.

Mahogany produces a straight grain with fine open texture, although it can also be found with an attractive figure. The density is very uniform due to the nearly continuous growing season of its range. The wood lends itself well to being cut into fine veneer.

Mahogany is used for fine furniture, cabinets, interior trim, musical instruments, and doors. Flat Cut Mahogany veneer exhibits a smooth texture grain and subtle cathedral grain effect. The open grain of Mahogany is very receptive to stains and topcoats.

Wood is a natural material with inherent growth patterns. The uniqueness offered by wood makes it appealing and interesting in the realm of design and beauty. This same uniqueness, along with variations caused by printing, is why actual colors and door face veneers may vary from what is pictured here.
Cherry trees can reach a height of 100 feet with a diameter of four to five feet. Cherry is found in the Eastern half of the United States, with production centered in the Middle Atlantic States.

The sapwood of Cherry is light in color, while the heartwood darkens upon exposure to a deep reddish brown with a distinctive luster. It has fine, uniform texture and a generally straight grain. Cherry is medium heavy, strong, and moderately hard with beautiful natural characteristics. Cherry is one of the most sought after hardwoods and turns splendidly darker with age.

Valued for its decorative appearance, Cherry is commonly used for furniture, architectural woodwork, and doors.

Plain Sliced Cherry veneer has a uniform texture and heartwood that varies from light to dark. The grain is straight, finely textured and closed with a gentle waving figure and cathedral pattern. Cherry lends itself well to stains and topcoats, resulting in a very even finish.

Wood is a natural material with inherent growth patterns. The uniqueness offered by wood makes it appealing and interesting in the realm of design and beauty. This same uniqueness, along with variations caused by printing, is why actual colors and door face veneers may vary from what is pictured here.
Black Walnut trees can reach heights of 120 feet with a diameter of over three feet. Black Walnut is native to the eastern United States but is found from South Dakota to Florida and Vermont to Texas. Approximately three-quarters of Walnut timber is produced in the Central States.

While the sapwood of Black Walnut is nearly white, the heartwood varies from light to dark brown and may have a purplish cast.

Along with being the only dark brown domestic specie, the wood is heavy and very durable with beautiful characteristics between the summer and winter wood growth.

Valued for its decorative appearance, Black Walnut is primarily used for furniture, cabinets, interior paneling, and doors.

Plain Sliced Black Walnut veneer has a straight grain and is finely textured, closed with a gentle waving figure and cathedral pattern. It takes stains and topcoats very evenly and turns majestically darker as it ages.

Wood is a natural material with inherent growth patterns. The uniqueness offered by wood makes it appealing and interesting in the realm of design and beauty. This same uniqueness, along with variations caused by printing, is why actual colors and door face veneers may vary from what is pictured here.
Plain Sliced White Maple veneer has characteristics very similar to Select White Birch. The wood texture is smooth and fine with a lineal grain pattern. This tranquil pattern is complemented by the even coloration resulting from utilization of only sapwood veneer. The grain pattern and coloration may be amplified or masked by the color of stain chosen to finish the door face.

Wood is a natural material with inherent growth patterns. The uniqueness offered by wood makes it appealing and interesting in the realm of design and beauty. This same uniqueness, along with variations caused by printing, is why actual colors and door face veneers may vary from what is pictured here.
Oak trees can reach a height of 125 feet with large diameters. Most Red Oak comes from the Southern States, Southern Mountain Regions, Atlantic Coastal Plains, and Central States. The primary sources for Red Oak lumber and veneer are Northern Red Oak, Black Oak, and Southern Red Oak.

Red Oak sapwood is nearly white, usually only one to two inches thick, and found immediately under the bark. The heartwood is a warm brown with a tinge of red and is used for the production of Red Oak lumber and veneer.

The wood of Red Oak is heavy and strong with a distinctive open grain texture. Red Oak can reveal many pronounced grain designs depending on the sawing or veneer cutting method used in processing.

Red Oak is commonly cut into lumber, veneer, and fuel wood. The lumber is typically processed into flooring, furniture, and general millwork, while the veneer is often used for furniture, doors, and paneling.

Plain Sliced Red Oak veneer has a course, open grain texture and expresses a very strong cathedral grain effect. The pattern results from peaked bands of less dense early season growth and more dense late season growth. The open grain texture is very receptive to stains and topcoats.

Wood is a natural material with inherent growth patterns. The uniqueness offered by wood makes it appealing and interesting in the realm of design and beauty. This same uniqueness, along with variations caused by printing, is why actual colors and door face...
Oak trees can grow to a height of 125 feet with large diameters. White Oak timber comes primarily from the Southern States, South Atlantic States, and Central States. Principle species are White Oak, Chestnut Oak, Bur Oak, and Live Oak.

The sapwood of White Oak is nearly white, usually only one to two inches thick, and found directly beneath the bark. The heartwood is generally grayish brown and is used to produce White Oak lumber and veneer.

The wood of White Oak is heavy, even slightly heavier than Red Oak; it is strong with an open grain texture. White Oak can reveal many pronounced grain designs dependant on the sawing or veneer cutting method specified.

White Oak is commonly used for lumber, veneer, and fuel wood, with the veneer being popular for use in the manufacture of doors.

Plain Sliced White Oak veneer displays a course, open grain texture and expresses a very strong cathedral grain effect. The pattern results from peaked bands of less dense early season growth and more dense late season growth. The open grain texture is very receptive to stains and topcoats.

Wood is a natural material with inherent growth patterns. The uniqueness offered by wood makes it appealing and interesting in the realm of design and beauty. This same uniqueness, along with variations caused by printing, is why actual colors and door face veneers may vary from what is pictured here.
Oak trees can reach a height of 125 feet with large diameters. Most Red Oak comes from the Southern States, Southern Mountain Regions, Atlantic Coastal Plains, and Central States. The primary sources for Red Oak lumber and veneer are Northern Red Oak, Black Oak, and Southern Red Oak.

Red Oak sapwood is nearly white, usually only one to two inches thick, and found immediately under the bark. The heartwood is a warm brown with a tinge of red and is used for the production of Red Oak lumber and veneer.

The wood of Red Oak is heavy and strong with a distinctive open grain texture. Red Oak can reveal many pronounced grain designs depending on the sawing or veneer cutting method used in processing.

Red Oak is commonly cut into lumber, veneer, and fuel wood. The lumber is typically processed into flooring, furniture, and general millwork, while the veneer is often used for furniture, doors, and paneling.

Rift Red Oak veneer produces a very straight grain pattern that deviates very little from top to bottom. This nearly lineal pattern equalizes the exposure of the less dense early growth and the more dense late growth wood structures. The open grain texture readily accepts stain and topcoats.

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Rotary Red Oak veneer exhibits a course, open grain texture and irregular grain pattern that cascades across its surface. The uneven grain shapes are characterized by bands of wood growth that vary from less dense early season growth to more dense late season growth. The open grain texture lends itself easily to staining and topcoats.

Wood is a natural material with inherent growth patterns. The uniqueness offered by wood makes it appealing and interesting in the realm of design and beauty. This same uniqueness, along with variations caused by printing, is why actual colors and door face
Birch trees can reach a height of 70 feet, with a diameter of more than two feet. Most Birch veneer comes from Yellow Birch and Sweet Birch. These types of Birch trees grow principally in the Northeastern States, Lake States, and along the Appalachian Mountains to Northern Georgia.

Yellow Birch has white sapwood and light reddish-brown heartwood, while Sweet Birch has a light-colored sapwood and dark brown heartwood tinged with red. The wood is heavy and strong with a fine, uniform grain.

Birch veneer is classified by coloration into three basic groups: Natural, Select White, and Select Dark. Natural Birch veneer contains both heartwood and sapwood, in varying amounts. Select White Birch veneer contains only sapwood. Likewise, Select Dark Birch veneer contains only red or brown heartwood.

Yellow and Sweet Birch lumber and veneer are mostly used for the manufacture of furniture, baskets, interior trim, and doors.

Plain Sliced Natural Birch veneer presents close grained, delicate wood texture with a lineal grain pattern that is accentuated by the presence of light color sapwood permeated by much darker heartwood. The extreme difference in coloration may be highlighted or subdued when the door face veneer is finished and should, therefore, be considered before specifying Natural Birch.

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Yellow and Sweet Birch lumber and veneer are mostly used for the manufacture of furniture, baskets, interior trim, and doors.

Plain Sliced Select White Birch veneer bears fine wood texture combined with lineal grain features. By plain slicing the wood, a combination of cathedral and straight grain patterns result, although muted by the sole use of sapwood, exhibiting a consistent fresh coloration throughout the door face veneer. Finishing the door face can amplify or mask the grain pattern depending on what stain color is selected.

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Yellow and Sweet Birch lumber and veneer are mostly used for the manufacture of furniture, baskets, interior trim, and doors.

Rotary Natural Birch veneer displays fine wood texture and a very irregular grain pattern that is accentuated by the presence of light colored sapwood permeated by much darker heartwood. The extreme difference in coloration may be highlighted or subdued when the door face veneer is finished and should, therefore, be considered before specifying Natural Birch.

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Yellow and Sweet Birch lumber and veneer are mostly used for the manufacture of furniture, baskets, interior trim, and doors.

Rotary Select White Birch veneer exhibits smooth texture and a very subtle irregular grain pattern due to the sole use of sapwood. This presents a creamy coloration throughout the door face. The grain pattern may be muted or highlighted by the color of stain chosen to finish the door face veneer.

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**TRUE WOOD DOOR**

**VENEER SPECIES & PLY**

**VENEER CUTTING METHODS**

**PLAIN SLICED (FLAT SLICED)**

Plain Slicing is the method most often used to produce veneers for high quality architectural woodworking. The slicing is done parallel to a line through the center of the log. A combination of cathedral and straight grain patterns result, with a natural progression of pattern from leaf to leaf.

- **Plain Sliced (Flat Sliced)**
  - Leaf width depends on log size and placement in flitch.

- **Half Round**
  - A somewhat similar pattern is achieved by turning a half log.

**QUARTER SLICED (QUARTER CUT)**

Quarter Slicing simulates the quarter sawing process of solid lumber, with slicing occurring roughly parallel to a radius line through the log segment. As a result, the individual leaves are narrow for many species. A series of stripes is produced, varying in density and thickness from specie to specie.

- **Quarter Sliced (Quarter Cut)**
  - A “flake” pattern is produced when slicing through Medullary Rays in some species, particularly Oak.
VENEER CUTTING METHODS

ROTARY

Rotary cut is achieved when the log is center-mounted on a lathe and "peeled" along the general path of the growth rings. It is like unwinding a roll of paper and provides a generally bold, random appearance.

Rotary cut results in wide sheets with a broad grain pattern. It is difficult to match Rotary cut at veneer joints.

RIFT (RIFT CUT)

Rift veneers are produced most often in Red and White Oak, rarely in other species. Rift veneers and rift sawn solid lumber are produced so differently that a "match" between the two is highly unlikely.

Rift Cut occurs at a slight angle from the radius of the flitch to minimize the ray flake effect that can occur in Oak. Comb Grain is the portion which has very tight, straight grain.

The individual pieces of veneer sliced or peeled from a log are called "leaves". They are kept in the same order they were cut from the log, which allows for natural grain progression when faces are assembled. The cutting and assembly methods applied to the veneer leaves determine the appearance of the door face.
MATCHING BETWEEN ADJACENT

It is possible to achieve certain visual effects by the manner in which the leaves are arranged. Since rotary cut veneers are difficult to match, most matching is done with sliced veneer. Common types are:

Book Match
- The most commonly used match in the industry, every other piece of veneer is turned over so adjacent leaves are “opened” like the pages of a book. This creates a mirrored-image pattern at the joint line.

Slip Match
- Often used with Quarter Sliced and Rift Cut veneers, adjoining leaves are placed in sequence without turning over any leaves. By “slipping out” each leaf, a repeating pattern is visible at the joint lines.

Random Match
- Used to produce a “board-by-board” effect, the leaves are placed next to each other in random order and orientation. Veneer leaves...
MATCHING WITHIN A VENEER FACE

As the slicing of a flitch progresses, the width of resulting leaves changes. As these leaves are assembled into a veneer face, the joints will occur at varying positions on the face depending on what match is specified. The manner in which veneer faces are assembled can be classified as follows:

Running Match
• The most common veneer face match, Running Match is achieved by starting on one side and placing leaves consecutively next to each other to assemble veneer faces. The natural width change in leaves is acceptable, and the transition from one face to another may divide a leaf between faces. The resulting appearance is one of non-symmetry, which is more noticeable in some species and cuts than others.

Balance Match
• One way to achieve a symmetrical look on a veneer face is to trim the leaves to a consistent width for use on a single face. This allows for an even or odd number of leaves on any given face and provides balance through use of a consistent leaf width.

Center Balance Match
• To accomplish symmetry in both the leaf widths and veneer face, leaves are trimmed to a uniform size that allows for a joint to be at the center of the veneer face. This results in an even number of leaves and a fully symmetrical
## True Wood Door Veneer Species & Ply

### Specia Grading Chart (AA Grade)

<table>
<thead>
<tr>
<th>SPECIE</th>
<th>Birch, Natural</th>
<th>Birch, Select White</th>
<th>Cherry</th>
<th>Mahogany</th>
<th>Maple, White</th>
<th>Oak, Red</th>
<th>Oak, Red</th>
<th>Oak, White</th>
<th>Walnut, Black</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUT</td>
<td>Plain Sliced, Rotary</td>
<td>Plain Sliced, Rotary</td>
<td>Plain Sliced</td>
<td>Flat Cut</td>
<td>Plain Sliced</td>
<td>Plain Sliced, Rotary</td>
<td>Rift</td>
<td>Plain Sliced</td>
<td>Plain Sliced</td>
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## General

<table>
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<tr>
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<th>Yes</th>
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<th>No</th>
<th>Yes</th>
<th>No</th>
<th>No</th>
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<th>No</th>
</tr>
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<tbody>
<tr>
<td>HEARTWOOD</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
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<td>Yes</td>
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<td>Yes</td>
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<tr>
<td>COLOR STREAKS OR SPOTS</td>
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<td>Slight</td>
<td>Slight</td>
<td>Slight</td>
<td>Slight</td>
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<td>Yes</td>
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<tr>
<td>COLOR VARIATION</td>
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<tr>
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<td>Yes (3)</td>
<td>Yes (3)</td>
<td>Yes (3)</td>
<td>Yes (3)</td>
<td>Yes (3)</td>
<td>Yes (3)</td>
<td>Yes (3)</td>
<td>Yes (3)</td>
<td>Yes (3)</td>
</tr>
</tbody>
</table>

### Veneer Leaf Matching

| BOOK MATCH | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| SLIP MATCH | Specify | Specify | Specify | Specify | Specify | Specify | Specify | Specify | Specify |
| PLEASING MATCH | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

### Veneer Leaf Width

| Nominal Minimum Leaf Width (1) | 5" | 5" | 5" | 5" | 5" | 3" | 5" | 5" |

### Natural Characteristics

| Burls and Pin Knots (2) | 1 per 5 sq. ft. | 1 per 4 sq. ft. | 1 per 5 sq. ft. | 1 per 4 sq. ft. | 1 per 4 sq. ft. | 1 per 4 sq. ft. | 1 per 4 sq. ft. | 1 per 4 sq. ft. |
| BURL SIZE, MAXIMUM | 1/4" | 1/4" | 1/4" | 1/4" | 1/4" | 1/4" | 1/4" | 1/4" |
| PIN KNOTS, AVERAGE NUMBER | None | None | None | None | None | None | None | None |
| SIZE | N/A | N/A | 1/8" | N/A | N/A | N/A | N/A | N/A |
| TOTAL | N/A | N/A | 1/4" | N/A | N/A | N/A | N/A | N/A |
| REPAIRED KNOTS | No | No | No | No | No | No | No | No |
| MINERAL STREAKS | No | No | No | No | No | No | Slight | No |
| BARK POCKETS | No | No | No | No | No | No | No | No |
| WORM TRACKS | Slight | Slight | No | No | No | No | No | No |
| VINE MARKS | Slight | Slight | Slight | Slight | Slight | No | No | Slight |
| CROSS BARS | Slight | Slight | Slight | Occasional | Slight | Slight | Slight | Slight |
| RAY FLECK (FLAKE) | N/A | N/A | N/A | N/A | N/A | Slight (4) | Slight (4) | N/A |
| GUM SPOTS | N/A | N/A | N/A | Occasional | N/A | N/A | N/A | N/A |

### Manufacturing Characteristics

| ROUGH CUT | No | No | No | No | No | No | No | No | No |
| HAIRLINE Splits | Two 1/32" x 3" | Two 1/32" x 3" | Two 1/32" x 3" | Two 1/32" x 3" | Two 1/32" x 3" | Two 1/32" x 3" | Two 1/32" x 3" | Two 1/32" x 3" |

---

1. Outside components will be different size to allow for edge trim loss and certain types of matching.
2. Combined average number.
3. If Slip, Plank, or Random matched.
4. Blending.
VENEER ASSEMBLY METHODS

MATCHING WITHIN A VENEER FACE

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# TRUE WOOD DOOR VENEER SPECIES & PLY

## SPECIAL GRADING CHART (A GRADE)

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<thead>
<tr>
<th>SPECIE</th>
<th>Birch, Natural</th>
<th>Birch, Select White</th>
<th>Cherry</th>
<th>Mahogany</th>
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<td>Plain Sliced, Rotary</td>
<td>Plain Sliced, Rotary</td>
<td>Plain Sliced</td>
<td>Flat Cut</td>
<td>Plain Sliced</td>
<td>Plain Sliced, Rotary</td>
<td>Rift</td>
<td>Plain Sliced</td>
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### GENERAL

<table>
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<tr>
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<th>5% (4)</th>
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<tr>
<td>SAPWOOD</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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</tr>
<tr>
<td>HEARTWOOD</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>COLOR STREAKS OR SPOTS</td>
<td>Yes</td>
<td>Slight</td>
<td>Yes</td>
<td>Slight</td>
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<td>Yes</td>
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<tr>
<td>SHARP COLOR CONTRASTS AT JOINTS</td>
<td>Yes</td>
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### VENEER LEAF MATCHING

<table>
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<th>Yes</th>
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<tbody>
<tr>
<td>BOOK MATCH</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
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### VENEER LEAF WIDTH

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</tbody>
</table>

### NATURAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>BURLS AND PIN KNOTS (2)</th>
<th>1 per 3 sq. ft.</th>
<th>1 per 3 sq. ft.</th>
<th>1 per 3 sq. ft.</th>
<th>1 per 3 sq. ft.</th>
<th>1 per 2-2/3 sq. ft.</th>
<th>1 per 2-2/3 sq. ft.</th>
<th>1 per 2-2/3 sq. ft.</th>
<th>1 per 2-2/3 sq. ft.</th>
<th>1 per 2-2/3 sq. ft.</th>
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<tbody>
<tr>
<td>PIN KNOTS, AVERAGE NUMBER</td>
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<td>Slight</td>
<td>Slight</td>
<td>Slight</td>
<td>Occasional</td>
</tr>
<tr>
<td>RAY FLECK (FLAKE)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<td>N/A</td>
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<tr>
<td>GUM SPOTS</td>
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<td>Occasional</td>
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### MANUFACTURING CHARACTERISTICS

<table>
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<tr>
<th>CHARACTERISTIC</th>
<th>No</th>
<th>No</th>
<th>No</th>
<th>No</th>
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<th>No</th>
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<tr>
<td>ROUGH CUT</td>
<td>Two</td>
<td>Two</td>
<td>Two</td>
<td>Two</td>
<td>Two</td>
<td>Two</td>
<td>Two</td>
<td>Two</td>
<td>Two</td>
</tr>
<tr>
<td>HAIRLINE SPLITS</td>
<td>1/16&quot; x 6&quot;</td>
<td>1/16&quot; x 6&quot;</td>
<td>1/16&quot; x 6&quot;</td>
<td>1/16&quot; x 6&quot;</td>
<td>1/16&quot; x 6&quot;</td>
<td>1/16&quot; x 6&quot;</td>
<td>1/16&quot; x 6&quot;</td>
<td>1/16&quot; x 6&quot;</td>
<td>1/16&quot; x 6&quot;</td>
</tr>
<tr>
<td>(1) Outside components will be different size to allow for edge trim loss and certain types of matching.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>(2) Combined average number.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>(3) If Slip, Plank, or Random matched.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(4) Sapwood is permitted in Rotary only, unless otherwise specified.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(5) Blending</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>(6) Sapwood is allowed, but percentage must be agreed upon between buyer and seller.</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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</tbody>
</table>
INSPIRED DESIGN
Combine the dependability of wood door construction with the features of a high pressure decorative laminate face. Meet the needs of any interior application with hundreds of laminate designs to choose from.

Design Options
- Laminate faces available from Wilsonart, Formica, Pionite and Nevamar
- .050" thick laminate
- Five-ply bonded construction
- Positive pressure fire rating up to 90 minute
- Lifetime warranty
- 1-3/4" and 1-3/8" thick doors
- Structural composite engineered wood stiles and rails
- Matching laminate vertical edges
- Matching laminate top and bottom rails option
- Painted or stained vertical edge option available
- Dutch doors, panels and transoms available
- Door sizes up to 4'0" x 10'0": STC and fire rating may regardless of face laminate, color, or design
- STC 35, 41, 42, and 46 available; Non fire rated only

Core Options
- Structural composite core
- Mineral core

The Advantage of the HPDL Door
- Doors are consistent in look from opening to opening
- Easy to clean and maintain
- Stain resistant
- Standard pricing applies, regardless of face laminate, color, or design
SKETCH DOOR DESIGNER SOLUTIONS

Enhance the aesthetics of any building with RITE Door’s Sketch Door™. By simply mixing and matching different wood veneers, our master craftsmen can provide end-users and architects a wide choice of styles.

- Standard and Custom Designs
- No Added Urea Formaldehyde
- Fire rated up to 90 minutes
- LEED Contribution
- Industry leading standard color options
- Available in all standard core types

Sketch Doors™ can contribute to the following LEED credits

Materials and Resources (MR)
- MR Credit 1.2 Building Reuse
- MR Credit 4.1 Recycled Content
- MR Credit 4.2 Recycled Content
- MR Credit 6 Rapidly Renewable Materials
- MR Credit 7 Certified Wood

Indoor Environmental Quality (IEQ)
- EQ Credit 3.2 Construction Indoor Air
- EQ Credit 4.1, 4.2, 4.6 Low Emitting Materials
- EQ Credit 4.4 Low-Emitting Materials
- EQ Credit 8.1, 8.2 Daylight & Views
- LEED Pilot Credit 43 Certified Products

LEED EBOM
- MR Credit 3 Sustainable Purchasing

Prairie Collection in Plain Sliced White Birch Finished in Wheat

Classic Collection in Plain Sliced Red Oak Finished in Sandy
TRUE WOOD DOOR

VENERE SPECIES & PLY

SKETCH DOOR DESIGNER SOLUTIONS COLLECTIONS

METROPOLITAN COLLECTION
A contemporary feel with clean straight lines

Plain Sliced White Birch
Plain Sliced Cherry
Plain Sliced Red Oak
Plain Sliced White Oak
Quarter Sliced Red Oak
Rift White Oak

PRAIRIE COLLECTION
A simple and enduring style with universal appeal

Rift White Oak
Quarter Sliced Red Oak
Plain Sliced White Oak
Plain Sliced White Birch
Plain Sliced Cherry
Plain Sliced Red Oak

CLASSIC COLLECTION
A timeless design with traditional roots

Plain Sliced Cherry
Plain Sliced Red Oak
Plain Sliced White Birch
Plain Sliced White Oak
Quarter Sliced Red Oak
Rift White Oak

The above images are of our standard Sketch Door™ layouts. For custom options, please contact your Customer Service Professional.

All Sketch Doors™ can be prefinished in any of our industry leading 28 colors. All images above are displayed in #100 Clear finish.
CONSTRUCTION DETAILS

GLAZING OPTIONS

STANDARD MINIMUMS

- All cutouts for metal or wood vision panels must be a minimum of 5’ (152 mm) from the edge of the door and/or other cutouts for louvers, locks, closers or other hardware.
- This 5’ (152 mm) distance must be maintained or the fire label and warranty will be voided. For non-fire rated doors, the distance may be decreased to 5’ (127 mm). Less than 5’ (127 mm) may affect the warranty.
- Using a 10’ (254 mm) margin between the edge of the door and the edge of any cutout near the lock area will eliminate most label and warranty conflicts.

Flush Moulding

Metal Vision Frame

Lip Moulding

FOR INFORMATION CALL 800.872.3267
OR VISIT RITEDOOR.COM

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ASSA ABLOY, the global leader in door opening solutions
LIP MOULDING FOR LITES

1. Matching specie to door face veneer for Premium grade. For use with 1-3/4" thick doors
   - M2G — Flat Lip Moulding 15/16" wide x 5/8" thick, 3/32" radius.
   - M3G — Beveled Lip Moulding 15/16" wide x 3/8" thick, 3/32" radius

2. Wire Brad — Lip Moulding is factory attached.

3. 1/4" Glazing — Glazing materials are not included.

4. Beveled back for glazing compound or 1/16" tape (not included).

5. Lites — Order size — visible glass size
   - Cutout size = visible glass + (2 x moulding profile)
   - Glass size = cutout - 1/4" wide - 1/4" high.
**TRUE WOOD DOOR**

**WOOD MOULDINGS**

**FLUSH MOULDING FOR LITES**

1. **Matching specie** to door face veneer for Premium grade. For use with 1-3/4” thick doors

2. **Wire Brad** — Flush Moulding is factory attached.

3. **1/4” Glazing** — Glazing materials are not included.

4. **Beveled back** for glazing compound or 1/16” tape (not included).

5. **Lites** — Order size — visible glass size
   - **Cutout size** = visible glass + (2 x moulding profile)
   - **Glass size** = cutout - 1/4” wide - 1/4” high.
**LOUVER UNITS**

**1. L100 Wood Non – Vision Louver Unit – 3/4” wide, 33% free air movement. Matching specie to door face veneer for Premium grade.** For use with 1-3/4” thick doors. Specify louver size the same as cutout size. 1-3/8” thick doors require framed louvers. Louvers may not be installed in 20 minute fire doors.

- **M2W** – Flat Lip Moulding 11/16” wide x 5/8” thick, 3/32” radius.
- **M6W** – Flush Moulding 7/16” wide x 3/8” thick, 3/32” radius

**2. Wire Brad** – Mouldings are factory attached. Louvers are not factory installed as standard. Louvers may be factory installed as an option.

**3. Field installation** may require the use of glazing tape for proper fit.

---

**V-SLAT WOOD LOUVER**

1. **L100 Wood Non – Vision Louver Unit – 3/4” wide, 33% free air movement. Matching specie to door face veneer for Premium grade.** For use with 1-3/4” thick doors. Specify louver size the same as cutout size. 1-3/8” thick doors require framed louvers. Louvers may not be installed in 20 minute fire doors.

- **M2W** – Flat Lip Moulding 11/16” wide x 5/8” thick, 3/32” radius.
- **M6W** – Flush Moulding 7/16” wide x 3/8” thick, 3/32” radius

2. **Wire Brad** – Mouldings are factory attached. Louvers are not factory installed as standard. Louvers may be factory installed as an option.

3. **Field installation** may require the use of glazing tape for proper fit.
LOUVER UNITS

METAL FUSIBLE LINK LOUVER

1. L1900A Framed Metal Non-Vision Louver Unit – Fire rated fusible link unit for use with 45, 60 or 90 minute fire doors. 1-3/4" wide. 135 degree F fusible link. 40% free air movement. For use with 1-3/4" thick doors only. Not factory installed. Louvers may not be installed in 20 minute fire doors.

2. Steel mounting frame overlaps door face 1”.

3. Through bolt applied. Security screws are available by option.

4. Metal fusible link louvers will not be factory installed.
**FIRE RATED METAL VISION PANEL**

1. **M110 Metal Vision Frame** – Fire rated for 20, 45, 60 and 90 minute fire door applications. 18 gauge steel with mitered, round corners that are braced and welded. Available wood veneer wrapped as an option. Low profile for hardware clearance.

2. Metal frame and glazing support clip.

3. Vandal proof binder screw.

4. For 1/4” thick listed glazing (not included).
   
   Note: No glazing compound or tape is required. Not factory installed.

5. Fire rated metal vision panels will be factory installed.

6. Lites – Order size = visible glass size
   - **Cutout size** = visible glass size + 1–1/2” side + 1–1/2” high
   - **Glass size** = visible glass size + 3/4’ wide + 3/4” high

7. Listed for UL10b and UL10c.
   
   Note: Custom shapes for specialty lites must be specified for visible glass size and cutout size.
TRUE WOOD DOOR

VISION PANELS

1. Matching specie to door face veneer for Premium grade. For use with 1-3/4" thick 20 minute rated fire doors.
   • M2L — Beveled Lip Moulding 1" wide x 3/4" thick.
   • M2F — Beveled Flush Moulding 3/4" wide x 1/2" thick.

2. Metal glazing support clip.

3. Glazing compound or tape required for proper fit (not included).

4. For 1/4" thick listed glazing (not included).
   • Size are visible glass size. Cutouts are 1" larger in width and height.
   • Custom shapes for specialty lites must be specified for visible glass size and cutout size.

5. Lites - Order size = visible glass size
   • Cutout size = visible glass size + (2 x moulding profile)
   • Glass size = cutout - 1/4" wide - 1/4" high

6. Listed for UL10b and UL10c.

Note: Custom shapes for specialty lites must be specified for visible glass size and cutout size.
**TRUE WOOD DOOR**

**FACTORY INSTALLED GLASS**

---

**PYRAN® PLATINUM F (CFP)**

**Glass Description**
- Ceramic, Filmed Fire and Safety Rated Glass
  - **Brand:** Pyran Platinum F
  - **Grade:** Premium
  - **Thickness:** 3/16” Nominal
  - **Warranty:** 3 Year Limited
  - **Includes:** Glazing tape and setting blocks as required
  - **Impact Safety Rating:** CPSC 16CFR1201, CAT I and CAT II

**Fire Listings**
- UL and Intertek/Warnock-Hersey approved, positive pressure.
- Glass is marked in accordance with international building code section 715.4.6 and 2406.

<table>
<thead>
<tr>
<th>RATING</th>
<th>MAXIMUM EXPOSED AREA</th>
<th>MAXIMUM WIDTH</th>
<th>MAXIMUM HEIGHT</th>
<th>CORE TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>20, 45</td>
<td>1296</td>
<td>36</td>
<td>54</td>
<td>Mineral, Engineered Composite, Agrifiber</td>
</tr>
<tr>
<td>60, 90</td>
<td>100</td>
<td>12</td>
<td>33</td>
<td>Mineral</td>
</tr>
</tbody>
</table>

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**PYRAN® PLATINUM L (CLP)**

**Glass Description**
- Ceramic, Filmed Fire and Safety Rated Glass
  - **Brand:** Pyran Platinum L
  - **Grade:** Premium
  - **Thickness:** 3/8” Nominal
  - **Warranty:** 5 Year Limited
  - **Includes:** Glazing tape and setting blocks as required
  - **Impact Safety Rating:** CPSC 16CFR1201, CAT I and CAT II

**Fire Listings**
- UL and Intertek/Warnock-Hersey approved, positive pressure.
- Glass is marked in accordance with international building code section 715.4.6 and 2406.

<table>
<thead>
<tr>
<th>RATING</th>
<th>MAXIMUM EXPOSED AREA</th>
<th>MAXIMUM WIDTH</th>
<th>MAXIMUM HEIGHT</th>
<th>CORE TYPE</th>
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<tbody>
<tr>
<td>20, 45</td>
<td>1296</td>
<td>36</td>
<td>54</td>
<td>Engineered Composite-20 min</td>
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<td>60, 90</td>
<td>100</td>
<td>12</td>
<td>33</td>
<td>Mineral-45 min</td>
</tr>
</tbody>
</table>
TRUE WOOD DOOR
FACTORY INSTALLED GLASS

FIREFLITE® NT (CFF)

Glass Description
Ceramic, Filmed Fire and Safety Rated Glass
• Brand: Firelite NT
• Grade: Premium
• Thickness: 3/16” Nominal
• Warranty: 3 Year Limited
• Includes: Glazing tape and setting blocks as required
• Impact Safety Rating: CPSC 16CFR1201, CAT I and CAT II

Fire Listings
• UL and Intertek/Warnock-Hersey approved, positive pressure.
• Glass is marked in accordance with international building code section 715.4.6 and 2406.

<table>
<thead>
<tr>
<th>RATING</th>
<th>MAXIMUM EXPOSED AREA</th>
<th>MAXIMUM WIDTH</th>
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</tr>
</thead>
<tbody>
<tr>
<td>20, 45</td>
<td>1296</td>
<td>36</td>
<td>54</td>
<td>Mineral, Engineered Composite, Agrifiber</td>
</tr>
<tr>
<td>60, 90</td>
<td>100</td>
<td>12</td>
<td>33</td>
<td>Mineral</td>
</tr>
</tbody>
</table>

FIREFLITE® PLUS (CLF)

Glass Description
Ceramic, Filmed Fire and Safety Rated Glass
• Brand: Firelite Plus
• Grade: Premium
• Thickness: 5/16” Nominal
• Warranty: 5 Year Limited
• Includes: Glazing tape and setting blocks as required
• Impact Safety Rating: CPSC 16CFR1201, CAT I and CAT II

Fire Listings
• UL and Intertek/Warnock-Hersey approved, positive pressure.
• Glass is marked in accordance with international building code section 715.4.6 and 2406.

<table>
<thead>
<tr>
<th>RATING</th>
<th>MAXIMUM EXPOSED AREA</th>
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<th>CORE TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>20, 45</td>
<td>1296</td>
<td>36</td>
<td>54</td>
<td>Engineered Composite - 20min</td>
</tr>
<tr>
<td>60, 90</td>
<td>100</td>
<td>12</td>
<td>33</td>
<td>Mineral - 45 min</td>
</tr>
</tbody>
</table>
TRUE WOOD DOOR

FACTORY INSTALLED GLASS

1/4" TEMPERED (CTG)

Glass Description
1/4" Clear tempered impact safety rated glass
  • Quality Rating: Q3, ASTM C1036-06
  • Thickness: 1/4" Nominal
  • Warranty: 1 Year Limited
  • Includes: Glazing tape and setting blocks as required
  • Impact Safety Rating: CPSC 16CFR1201, CAT I and CAT II

Fire Listings
  • Glass is marked in accordance with international building code section 715.4.6 and 2406.
  • NOT FOR USE ON FIRE RATED DOORS

1/4" FILMED WIRE (FWG)

Glass Description
1/4" Clear tempered impact safety rated glass
  • Quality Rating: Q3, ASTM C1036-06
  • Thickness: 1/4" Nominal
  • Warranty: 1 Year Limited
  • Includes: Glazing tape and setting blocks as required
  • Impact Safety Rating: CPSC 16CFR1201, CAT I and CAT II

Fire Listings
  • UL and Intertek/Warnock-Hersey approved, positive pressure.
  • Glass is marked in accordance with international building code section 715.4.6 and 2406.

<table>
<thead>
<tr>
<th>RATING</th>
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<td>1296</td>
<td>36</td>
<td>54</td>
<td>Engineered Composite - 20 min</td>
</tr>
<tr>
<td>60, 90</td>
<td>100</td>
<td>12</td>
<td>33</td>
<td>Mineral - 45 min</td>
</tr>
</tbody>
</table>
TRUE WOOD DOOR

FULL GLASS

FULL WARRANTY DOOR

SPECIFICATIONS

Maximum Size
- 4’0” wide x 9’0” high

Thickness
- 1-3/4” only

Stiles
- Laminated hardwood construction or veneer banded.

Series
- Available as an option only in the RPD and EC product lines.

Faces
- Two ply veneered plywood, 1/8” thick, with face veneer thickness of 1/50” minimum at 12% moisture content.

Coutout Size
- Minimum stile width: 5” from edge of door to cutout.
- Minimum rail width: 5” from edge of door to cutout.
- These dimensions actual, taken from the prefit size of the door if 20 minute fire rating is required a maximum 1296 square inches of vision area is allowed.
- *Fire rated doors must maintain 5” of material between cutouts on door face.

Mouldings
- M2G (lip), M3G (beveled lip), and M6G (flush) profiles are available.
- All mouldings are sized for installation with 1/4” safety tempered or wired. Moulding or lite kits are not factory attached.
- For non-fire rated doors, mouldings must be installed using 3/32” glazing tape on both sides of the glass and must be fastened every 8” on center using 3rd finish nails (Glazing tape and finish mails are not provided).
- For fire rated applications follow the installation instructions for the listed and labeled lite kit specified. With listed and labeled wood or metal kits may be specified.

Glazing Material
- For non-fire rated applications 1/4” tempered safety glazing must be used. 1/4” wired glazing may be specified if desired. (Glazing is not included).
- For fire rated applications and listed and labeled glazing materials may be specified.

Warranty
- When finished and installed per manufacturers specifications this product carries a full lifetime warranty against manufacturer defect on interior applications. The product is not warranted for exterior application in any event. Exterior applications are those which expose a door to extremes of temperature and/or humidity regardless of the physical placement.
DOOR SIZES OPTIONS

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>SERIES</th>
<th>CORE</th>
<th>RATING</th>
<th>MAXIMUM DOOR WIDTH</th>
<th>MAXIMUM DOOR HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>WOOD</td>
<td>RDP/RDS</td>
<td>EC</td>
<td>NA</td>
<td>4</td>
<td>10</td>
</tr>
<tr>
<td>WOOD</td>
<td>RDP/RDS</td>
<td>EC</td>
<td>20</td>
<td>4</td>
<td>9</td>
</tr>
<tr>
<td>WOOD</td>
<td>RDP/RDS</td>
<td>FD</td>
<td>45-90</td>
<td>4</td>
<td>9</td>
</tr>
</tbody>
</table>

*Door thickness are only available in 1 3/4" thick doors

MINIMUM DOOR WIDTH OF 1'0"-2'0"

Operational Hardware Available

Cylindrical Lock
- D3944 Classroom
- D3945 Passage
- D3946 Store Room
- D3947 Electrified
- D3948 Office

Flush Bolt
- D3921 Top only — extension fire pin on rated doors

MINIMUM DOOR WIDTH OF 3'0"

Operational Hardware Available

Cylindrical Lock
- D3944 Classroom
- D3945 Passage
- D3946 Store Room
- D3947 Electrified
- D3948 Office

Flush Bolt
- D3921 Top only — extension fire pin on rated doors

Exit Device
- D3976 Inset Exit Device — available with 3080 trim — (rated single, standard pair or double egress pair).

*MINIMUM DOOR HEIGHT IS 5'0"

- Anything smaller than 5'0" will require special pricing and may have extended lead times
TRUE WOOD DOOR

DOOR SIZES & OTHER OPTIONS

BEVEL CHART

0°
NO BEVEL

3L
SINGLE BEVEL STILE

3/3
DOUBLE BEVEL
LOCK STILE & HINGE STILE
TRUE WOOD DOOR

DOOR SIZES & OTHER OPTIONS

PAIR ELEVATIONS

STANDARD PAIR
- PR — Standard Pair
- UEP — Unequal Standard Pair

DOUBLE EGRESS PAIR
- DE — Double Egress Pair
- UDE — Unequal Double Egress Pair
RITE Door is pleased to offer the industry leading selection of standard semi-transparent prefinish colors. Our range not only includes the nine colors you have long relied on but also includes choices that are comparable to colors used elsewhere in the wood door industry. In addition to our 28 standard colors, we perform custom color matching for projects that require a very specific color.

If you have a project that requires a unique color, simply submit a sample to us and we will match it. Since the natural coloration and grain characteristics of wood change with the application of a clear topcoat and/or semi-transparent stain, the term “color match” is easy to misunderstand.

In order to make sure we provide a color that meets your project’s requirements, once we formulate a stain color in line with your sample, we’ll send you a set of samples that represent the “blend” or range of tone, color, and grain that may be present in the finished product. Upon review and approval of the complete set, simply provide your agreement of the color range, and we will proceed forward with your doors.
Environmental awareness and understanding the need for door opening solutions that provide beauty, durability, and reliability influenced RITE Door’s selection of a unique factory finish system.

Combining the use of non-solvent based modified acrylic stains and finish topcoats, the water-borne materials we use provide richly colored and highly protective finishes. Additionally, our multi-step automated process results in virtually no waste and low energy demand for UV curing. Our successful integration of stain and topcoat materials with a technologically advanced process consistently results in architectural wood doors that have the appearance of fine furniture.

RITE Door’s finish system is newer technology than what is defined by TR-4 and TR-6. In order to confirm exceptional performance of our finish system, Graham completed testing to compare performance against these two common finishes. As detailed in the table below, RITE Door’s finish performed better than TR-6 and TR-4 in all categories. Combine this durable performance with our environmentally friendly process and RITE Door is proud to provide pre-finished doors to you.

### TEST RESULTS

**Premium Grade Topcoats**

<table>
<thead>
<tr>
<th>TEST</th>
<th>RITE DOOR</th>
<th>TR-6</th>
<th>TR-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vinegar</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Lemon Juice</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Orange Juice</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Catsup</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Coffee</td>
<td>5</td>
<td>5</td>
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* 5 = Excellent  4 = Very Good  3 = Good  2 = Fair  1 = Poor
TRUE WOOD DOOR

PREFINISH OPTIONS

PLAIN SLICED CHERRY SWATCHES

#100 - Clear
#125 - Fallow
#175 - Barley
#200 - Spiced Walnut
#225 - Zin
#250 - Copper

#275 - Russet
#300 - Medium Brown
#325 - Rose
#350 - Cocoa
#375 - Hazel
#380 - Corsica

#400 - Dark Walnut
#425 - Cactus
#500 - Medium Red
#550 - Umber
#600 - Wheat
#625 - Buff

#650 - Sandy
#675 - Apricot
#700 - Dark Brown
#775 - Auburn
#800 - Dark Red
#850 - Midnight

#901 - Burgundy
#902 - Cayenne
#925 - Ochre
#950 - Sedona
TRUE WOOD DOOR

PREFINISH OPTIONS

FLAT CUT MAHOGANY SWATCHES

#100 - Clear  #125 - Fallow  #175 - Barley  #200 - Spiced Walnut  #225 - Zin  #250 - Copper
#275 - Russet  #300 - Medium Brown  #325 - Rose  #350 - Cocoa  #375 - Hazel  #380 - Corsica
#400 - Dark Walnut  #425 - Cactus  #500 - Medium Red  #550 - Umber  #600 - Wheat  #625 - Buff
#650 - Sandy  #675 - Apricot  #700 - Dark Brown  #775 - Auburn  #800 - Dark Red  #850 - Midnight
#901 - Burgundy  #902 - Cayenne  #925 - Ochre  #950 - Sedona
TRUE WOOD DOOR

PREFINISH OPTIONS

PLAIN SLICED BLACK WALNUT SWATCHES

#100 - Clear
#125 - Fallow
#175 - Barley
#200 - Spiced Walnut
#225 - Zin
#250 - Copper

#275 - Russet
#300 - Medium Brown
#325 - Rose
#350 - Cocoa
#375 - Hazel
#380 - Corsica

#400 - Dark Walnut
#425 - Cactus
#500 - Medium Red
#550 - Umber
#600 - Wheat
#625 - Buff

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#700 - Dark Brown
#775 - Auburn
#800 - Dark Red
#850 - Midnight

#901 - Burgundy
#902 - Cayenne
#925 - Ochre
#950 - Sedona

ASSA ABLOY, the global leader in door opening solutions
TRUE WOOD DOOR

PREFINISH OPTIONS

PLAIN SLICED WHITE MAPLE SWATCHES

#100 - Clear
#125 - Fallow
#175 - Barley
#200 - Spiced Walnut
#225 - Zin
#250 - Copper

#275 - Russet
#300 - Medium Brown
#325 - Rose
#350 - Cocoa
#375 - Hazel
#380 - Corsica

#400 - Dark Walnut
#425 - Cactus
#500 - Medium Red
#550 - Umber
#600 - Wheat
#625 - Buff

#650 - Sandy
#675 - Apricot
#700 - Dark Brown
#775 - Auburn
#800 - Dark Red
#850 - Midnight

#901 - Burgundy
#902 - Cayenne
#925 - Ochre
#950 - Sedona
## TRUE WOOD DOOR

### PREFINISH OPTIONS

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For information call 800.872.3267 or visit ritedoor.com

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ASSA ABLOY, the global leader in door opening solutions
### True Wood Door: Plain Sliced White Oak Swatches

**Prefinish Options**

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<td>#950</td>
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PREFINISH OPTIONS

RIFT RED OAK SWATCHES

TRUE WOOD DOOR

#100 - Clear  #125 - Fallow  #175 - Barley  #200 - Spiced Walnut  #225 - Zin  #250 - Copper

#275 - Russet  #300 - Medium Brown  #325 - Rose  #350 - Cocoa  #375 - Hazel  #380 - Corsica

#400 - Dark Walnut  #425 - Cactus  #500 - Medium Red  #550 - Umber  #600 - Wheat  #625 - Buff

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ASSA ABLOY, the global leader in door opening solutions
TRUE WOOD DOOR

PREFINISH OPTIONS

PLAIN SLICED NATURAL BIRCH SWATCHES

#100 - Clear
#125 - Fallow
#175 - Barley
#200 - Spiced Walnut
#225 - Zin
#250 - Copper
#275 - Russet
#300 - Medium Brown
#325 - Rose
#350 - Cocoa
#375 - Hazel
#380 - Corsica
#400 - Dark Walnut
#425 - Cactus
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#550 - Umber
#600 - Wheat
#625 - Buff
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#700 - Dark Brown
#775 - Auburn
#800 - Dark Red
#850 - Midnight
#901 - Burgundy
#902 - Cayenne
#925 - Ochre
#950 - Sedona
TRUE WOOD DOOR

PREFINISH OPTIONS

PLAIN SLICED SELECT
WHITE BIRCH SWATCHES

#100 - Clear
#125 - Fallow
#175 - Barley
#200 - Spiced Walnut
#225 - Zin
#250 - Copper
#275 - Russet
#300 - Medium Brown
#325 - Rose
#350 - Cocoa
#375 - Hazel
#380 - Corsica
#400 - Dark Walnut
#425 - Cactus
#500 - Medium Red
#550 - Umber
#600 - Wheat
#625 - Buff
#650 - Sandy
#675 - Apricot
#700 - Dark Brown
#775 - Auburn
#800 - Dark Red
#850 - Midnight
#901 - Burgundy
#902 - Cayenne
#925 - Ochre
#950 - Sedona
TRUE WOOD DOOR

PREFINISH OPTIONS

ROTARY NATURAL BIRCH SWATCHES

#100 - Clear
#125 - Fallow
#175 - Barley
#200 - Spiced Walnut
#225 - Zin
#250 - Copper

#275 - Russet
#300 - Medium Brown
#325 - Rose
#350 - Cocoa
#375 - Hazel
#380 - Corsica

#400 - Dark Walnut
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#850 - Midnight

#901 - Burgundy
#902 - Cayenne
#925 - Ochre
#950 - Sedona
RAFT S ASS WITH BIRCH SWATCHES

#100 - Clear  #125 - Fallow  #175 - Barley  #200 - Spiced Walnut  #225 - Zin  #250 - Copper

#275 - Russet  #300 - Medium Brown  #325 - Rose  #350 - Cocoa  #375 - Hazel  #380 - Corsica

#400 - Dark Walnut  #425 - Cactus  #500 - Medium Red  #550 - Umber  #600 - Wheat  #625 - Buff

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#901 - Burgundy  #902 - Cayenne  #925 - Ochre  #950 - Sedona
### Hinge & Lockstile Clearances

#### TRUE WOOD DOOR

#### Clearances & Undercuts

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#### CONTINUOUS HINGES | SINGLE DOOR | BUTT HINGES | STANDARD PAIR |
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#### BUTT HINGES | STANDARD PAIR | CONTINUOUS HINGES | DOUBLE EGRESS PAIR |
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#### CONTINUOUS HINGES | DOUBLE EGRESS PAIR |
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#### UNDERCUTS | ALL DOORS |
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* When edge guards are used the lockstile clearance will change to accommodate the edge guard model.

** Clearance for the hinge stile will be based on the continuous hinge model selected for the door.

*** 5/8" undercut is standard – other undercut dimension will need to be specified when ordering the integrated product.