

- **TOP RAIL:#**
1-3/8" Structural Composite Lumber (SCL)
- **VERTICAL STILES:#**
1-3/8" Structural Composite Lumber (SCL) with matching hardwood edge
Crossbands and intumescent concealed at edge
- **CORE:#**
Stave Lumber or FSC certified Stave Lumber[^], 70% of door construction weight
- **CROSSBANDS:**
High Density Fiber (HDF) or no added urea-formaldehyde High Density Fiber (HDF)[^]
20% of door construction weight, composed of pre-consumer recycled material.
- **FACES:**
"A" grade wood veneer, unless otherwise specified, or FSC certified[^]
- **FINISHED THICKNESS:**
1-3/4" (± 1/16")
- **BOTTOM RAIL:#**
1-3/8" Structural Composite Lumber (SCL)

All dimensions shown are nominal before sanding, trimming and prefitting within industry standards. Specifications may be changed at manufacturer's option. Prefit and stock sizes available

#Contain no added urea-formaldehyde
^{*}No added urea-formaldehyde must be specified
[^]FSC Certified

No blocking required


LEED Version 3 Credit Assistance

Recycled Material MR 4: 1-2 points	X
Regional Material MR 5: 1-2 points	X
Certified Wood MR 7: SW-COC-000736	X
Low-Emitting Material EQ 4.4*	X

Credit assistance available for multiple LEED rating systems

WDMA PREMIUM GRADE EXTRA HEAVY DUTY DOOR

DOOR FEATURES:

- Finish Type:** WDMA TR-6, Catalyzed Polyurethane Factory Finish
- Veneer Match:** Book match standard. Slip or random available if specified.
- Veneer Face Assembly:** Running match standard. Center or balanced available if specified.
- Pairs and Sets:** Pair match, set match available.
- Doors/Transoms:** Continuous match standard. End or no match available if specified.
- Vertical Edges:** (visible surface) Matching hardwood finished at factory (-2) with edge-before-face construction. Optional edges are: unfinished (-1) and stiles primed at factory (-9). 
- Cutouts:** 5" minimum distance from door edge and the minimum distance between lite and lock cut out is 3-5/16 for 20-minute.
- Standard Bevel:** 1/8" in 2"
- Clearances:** 1/8" top, 1/8" lock and hinge stiles. See NFPA-80 6.3.1.7, 2007 edition, for bottom clearances.
- Security Rating:** Class 40 (highest rating possible)
- STC Rating:** STC 32, gasketing and door sweep required.
- Screw Holding and Split Resistance:**
Refer to July 31, 2008 Customer Service Update #CS119F
(www.vtindustries.com/doors/updates.aspx)

DOOR STANDARDS:

- ANSI/WDMA I.S. 1-A and AWS Section 9 Quality Standards (Bonded Core). UBC 7-2-1997, Parts I and II. IBC 2000. UL 10-C.
- Top and bottom rails of door shall be factory sealed.
- Doors shall be clad in WDMA premium "A" grade wood veneer with minimum thickness 1/42" before sanding, with Type 1 adhesive containing no added urea-formaldehyde. Both domestic and exotic hardwood species available for transparent finish. Mill option face material for opaque finish.
- Positive pressure 20-minute Intertek/Warnock Hersey fire labels shall be available within size and usage limitations. Fire-rated doors must use approved lite frames
- Cutouts for vision panels shall be made at the factory and shall be of sizes and locations as indicated on the drawings. Factory finished wood glazing stops or beige powder coated metal lite frames shall be furnished for lite openings unless otherwise specified. Metal lite frames may be veneer-wrapped at additional cost. Louvers are prohibited in 20-minute fire doors.
- Hardware preparation: All cutouts for mortise hardware shall be made at the factory from hardware manufacturer's templates and approved shop drawings.
- Doors shall be individually poly-bagged for protection in transit and storage periods, and shall be marked as per tag openings on shop drawings.