



- **TOP RAIL:**  
SCL or Fire Composite for 45-min
- **VERTICAL STILES:**  
SCL with mill option wood edge or matching laminate edge optional;  
**Crossbands concealed at edge**
- **CORE:**  
Composite Sound Core, 70% of door construction weight
- **CROSSBANDS:**  
HDF, 20% of door construction weight, composed of pre-consumer recycled material
- **LAMINATE FACES:**  
"A" grade wood veneer, Mill Option Paintable Surface or HPDL HGS
- **FINISHED THICKNESS:**  
1-3/4" (± 1/16")
- **BOTTOM RAIL:**  
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

**\*\*\* No additional blocking required.  
Blocking may affect STC rating.**

**Important:** This door requires a standard 1-15/16" rabbetted door frame.

**LEED V4 Credit Assistance Available**

MR - Building Life Cycle Impact Reduction - Option 4	X
MR - Extraction / Manufacture Valuation Factor	X
MR - BPDO Environmental Product Declarations - Option 1	X
MR - BPDO Sourcing of Raw Materials - Option 2	X
MR - BPDO - Material Ingredients - Option 1	X
EQ - Low-Emitting Materials	X

Consult VT for project specific LEED compliance documentation. FSC available by request.

**AWS/WDMA CUSTOM/PREMIUM GRADE EXTRA HEAVY DUTY DOOR\***

**DOOR FEATURES:**

- Standard Finish Type:** WDMA TR-8/AWS System 9 (UV Cured Acrylated Polyurethane). Primed factory finish or opaque finish available (Veneer). Woodgrains, Solid Colors, & patterns available (laminate).
- Veneer / Laminate Match:** Book match standard. Slip or random available (Veneer) or Standard Horizontal Grade (HGS)
- Veneer Face Assembly:** Running match standard. Center or balanced available.
- Pairs and Sets:** Pair match standard, set match available.
- Doors/Transoms:** Continuous match standard. End or no match available.
- Vertical Edges:** (Visible surface) Matching wood edge finished to match the face.
- 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" or 3 degrees.
- Clearances:** 1/8" top, 1/8" lock and hinge stiles. See NFPA-80 6.3.1.7.1, 2013 Edition. Bottom clearance 3/4" max. (bottom of the door to top finish floor) See NFPA-80 4.8.4.1, 2013 edition.
- Security Rating:** Class 40 (highest rating possible)
- STC Rating:** See STC chart for requirements.
- Screw Holding:** Refer to Customer Service Update #CS119F (www.vtindustries.com/doors/csupdates).

**DOOR STANDARDS:**

- WDMA I.S. 1-A-2013 and AWS, Edition 2, Section 9 Quality Standards (Bonded Core).
- Top and bottom rails of door shall be factory sealed.
- Doors shall be clad in AWS/WDMA custom wood veneer "A" grade 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. Premium "AA" grade wood veneer available by request. Mill option paintable surface for opaque finish door construction will be 3-ply. HDF faces adhered to core material OR horizontal grade standard high pressure decorative laminate, meeting or exceeding NEMA Standard LD3, Type HGS, with Type 1 adhesive containing no added urea-formaldehyde. Standard colors and patterns may be selected, or custom colors and patterns can be specified at additional cost.
- 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. UL 10C
- 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.
- Cutouts for vision panels shall be made at the factory and shall be of sizes and locations as indicated on drawings. See STC chart for lite sizes and glass requirements by STC rating.
- 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.
- Door bottoms, sweeps, thresholds, gasketing, lite kits and glass may be supplied by others or VT.