



- **TOP RAIL:**  
SCLC
- **VERTICAL STILES:**  
SCLC with matching laminate or wood edge  
**Crossbands and intumescent concealed at edge**
- **CORE:**  
Stave Lumber, 70% of door construction weight
- **CROSSBANDS:**  
HDF, 20% of door construction weight, composed of pre-consumer recycled material
- **LAMINATE FACES:**  
Horizontal grade - standard (HGS)
- **FINISHED THICKNESS:**  
1-3/4" (± 1/16")
- **BOTTOM RAIL:**  
SCLC

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.

**Fire composition blocking may be required with certain hardware preparation**

**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 PREMIUM GRADE EXTRA HEAVY DUTY DOOR**

**DOOR FEATURES:**

**Finish Type:** Woodgrains, Solid Colors & Patterns.

**Laminate Match:** Horizontal grade - standard (HGS)

**Vertical Edges:** (Visible surface) Matching wood edge finished to match the face.

**Cutouts:** 3-5/16" minimum distance between lite and lock cutout and 5" minimum distance from door edge.

**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](http://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 horizontal grade standard high pressure decorative laminate, meeting or exceeding NEMA Standards 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 and louvers 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 steel lite frames shall be furnished for lite openings. 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.