



**TOP RAIL:**

SCL

**VERTICAL STILES:**

Veneered SCL, matching wood edge available

**CORE:**

PC or SCLC

**CROSSBANDS:**

HDF; 20% of door construction weight, composed of pre-consumer recycled material

**FACES:**

Wood veneer "A" grade, unless otherwise specified, Mill Option Paintable Surface

**FINISHED THICKNESS:**

1-3/4" or 2-1/4" (± 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.

**BLOCKING NOT REQUIRED FOR HEAVY DUTY APPLICATIONS.**

**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 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 Match:** Book match standard. Slip or random available.

**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 finished to match the face.

**Cutouts:** 5" minimum distance from door edge and the minimum distance between lite and lock cutout 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](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 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. No crossbanding.

• Positive pressure fire label is available on 20-minute single doors going into welded or knock-down steel 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.

• 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.

• Finished 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.