

■ **TOP RAIL:#**

1-3/8" Structural Composite Lumber (SCL) FSC certified.

■ **VERTICAL STILES:#**

1-3/8" Structural Composite Lumber (SCL) FSC certified with matching hardwood edge.

Crossbands concealed at edge

■ **CORE:**

Particleboard or FSC certified Particleboard*, ANSI A208.1, grade LD-2
70% of door construction weight, composed of pre-consumer recycled material.

■ **CROSSBANDS:**

High Density Fiber (HDF), no added urea-formaldehyde HDF or FSC certified*
20% of door construction weight, composed of pre-consumer recycled material.

■ **FACES:**

Wood veneer "A" grade, unless otherwise specified, Mill Option Paintable Surface,
FSC Controlled Wood, or FSC certified*.

■ **FINISHED THICKNESS:**

1-3/4" (± 1/16")

■ **BOTTOM RAIL:#**

1-3/8" Structural Composite Lumber (SCL) FSC certified

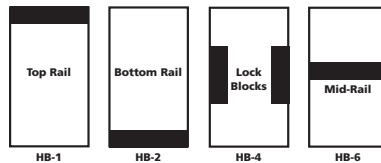
All dimensions shown are nominal before sanding, trimming and prefitting within industry standards. Specifications may be changed at manufacturer's option. Prefit and stock sizes available.

#Contain no added urea-formaldehyde.
*No added urea-formaldehyde or FSC Certified must be specified.

Blocking Reinforcement Options:

available at additional cost for undercutting and specialized hardware. Blocking recommended for Extra Heavy Duty Doors using surface mounted hardware.

*Fire comp blocking may be required by certain hardware.



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: SCS-COC-004128	X
Low-Emitting Material EQ 4.4*	X

Credit assistance available for multiple LEED rating systems

AWS/WDMA CUSTOM GRADE EXTRA HEAVY DUTY DOOR

DOOR FEATURES:

Finish Type: WDMA TR-8/AWS System 9 (UV Cured Acrylated Polyurethane), Primed Factory Finish or Opaque Paint.

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"

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: STC 30, 31, 32, 34, see STC chart for requirements.

Screw Holding and Split Resistance:

Refer to Customer Service Update #CS119F (www.vtindustries.com/doors/csupdates)

DOOR STANDARDS:

• WDMA I.S. 1-A-2011 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 "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. 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.

• Neutral 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 10B

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