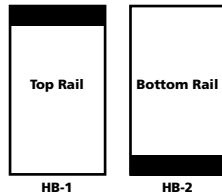


- **TOP RAIL:**  
1-3/4" Structural Composite Lumber (SCL)
- **VERTICAL STILES:**  
7/8" Structural Composite Lumber (SCL) with matching hardwood edge
- **CORE:**  
Particleboard or FSC certified Particleboard\*\*, ANSI A208.1, grade 1-LD-2  
72% of door construction weight, composed of pre-consumer recycled material.
- **CROSSBANDS:**  
High Density Fiber (HDF) or no added urea-formaldehyde High Density Fiber (HDF)\*  
11% of door construction weight, composed of pre-consumer recycled material.
- **FACES:**  
"AA" grade wood veneer, unless otherwise specified, or FSC certified\*
- **FINISHED THICKNESS:**  
1-3/4" (± 1/16")
- **BOTTOM RAIL:#**  
1-3/4" 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 or FSC 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.



**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-001518	X
Low-Emitting Material EQ 4.4*	X

Credit assistance available for multiple LEED rating systems

**AWS PREMIUN GRADE EXTRA HEAVY DUTY DOOR**

**DOOR FEATURES:**

**Finish Type:** AWS System 2 pre-catalyzed lacquer factory finish

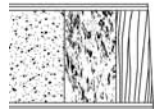
**Veneer Match:** Book match standard. Slip or random available if specified.

**Veneer Face Assembly:** Balanced match standard. Center or running 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). 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 and 5" for 45-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)

**Screw Holding and Split Resistance:** Refer to July 31, 2008 Customer Service Update #CS119F ([www.vtindustries.com/doors/updates.aspx](http://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 AWS premium "AA" grade wood veneer with minimum thickness 1/42" before sanding, with Type I adhesive containing no added urea-formaldehyde. Both domestic and exotic hardwood species available for transparent finish. Mill option face material for opaque finish.

• 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.

• Positive pressure fire label is available on 20-minute single doors going into welded or knockdown steel frames. Surface-applied smoke gasketing, such as Pemko 588, must be applied to frame to achieve "S" rating (gasketing to be supplied by others).

• 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 protected in transit and storage periods, and shall be marked as per tag openings on shop drawings.