

**ARCHITECTURAL PARTICLEBOARD DOOR SOUND TRANSMISSION CLASS**
**BONDED TO CORE - HARDWOOD VENEER OR PLASTIC LAMINATE - GRADE A**

Acoustical rated flush wood door with special sound retardant core; tested and certified under the requirements of ASTM E90-87. STC Rating: Single Door STC-40, STC-41; Communicating pair STC-50.

**PRODUCT FEATURES AND SPECIFICATIONS**
**Maximum Size:** 4' 0" X 8' 0"

**Thickness:** 1 3/4"

**Core:** Particleboard with special sound retardant core. Approximate weight of door is 10lbs per square foot.

**Stiles\*:** 1" laminated hardwood bonded to core; 1 3/8" optional.

**Rails\*:** 2 1/4" softwood; hardwood edges as specified; bonded to core.

**Faces:** All commercially available hardwood veneer species; high density fiberboard (HDF) and high pressure decorative laminates (HPDL.)

**Adhesives:** Type-I interior.

**Lites and Louvers:** Glass lites not recommended. Ratings listed above do not include glass lites. Louvers not permitted. Pairs must have solid mullion fully grouted with specified gasketing.

**Prefitting:** Must be factory machined for hardware as specified.

**Other Detailed Work:** Metal louvers and lite stops as specified. Wood light stops to match faces.

**Finishing:** All species available raw or with water-borne stain base UV finish that meets or exceeds WDMA or AWI system TR-6. EPA and California Air Resources Board (CARB) approved.

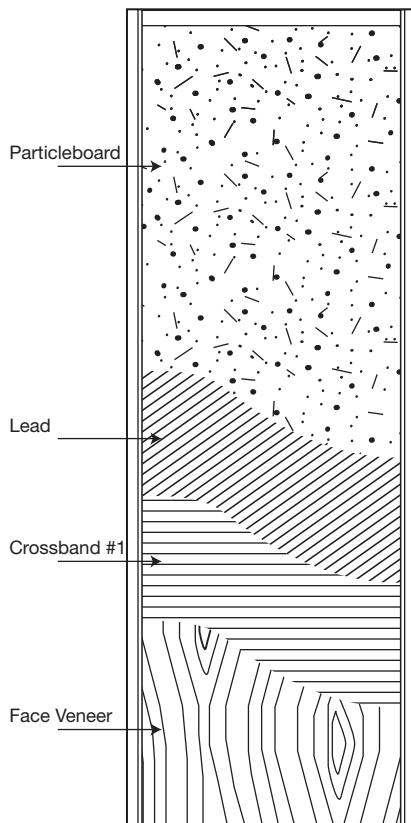
**Warranty:** Lifetime warranty. See Haley warranty @ [www.haleybros.com](http://www.haleybros.com) for specific warranty details.

**Short Form Specification:** "Doors shall be Haley Architectural ARC Flush Wood Doors with special sound retardant core. Ratings based on requirements of ASTM E90-87.

**Leed Credits:** MR 5.1 and 5.2. Local and Regional Materials; project must be within 500 miles (2 points possible.)

EQ 4.4 Low Emitting Material (1 point.)

MR7 Certified Wood (1 point.) Chain of Custody certificate available upon request.



\*Stile and rail frame dimensions may vary due to machining specifications.

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