



### ARCHITECTURAL 5-PLY MINERAL CORE DOOR 45-MIN FIRE RATED

BONDED TO CORE - NAUF AVAILABLE - POSITIVE PRESSURE CATEGORY A  
GRADE A HARDWOOD VENEER - PLASTIC LAMINATE

Provides 45-minute fire protection and are intended for use where a 45-minute barrier is required.  
Listed by Warnock Hersey International (W.H.I.).

#### PRODUCT FEATURES AND SPECIFICATIONS

**Maximum Size:** 4'0" x 8'0"; Regular pair 8'0" x 8'0" (4-point latching concealed intumescent at meeting stiles only); Regular pair 8'0" x 9'0", Double Egress pair 8'0" x 8'0" and Single Swing 4'0" x 9'0" concealed intumescent both stiles and top rail. Sizes may be restricted by specified hardware. 4'0" x 3'4" maximum transom with concealed intumescent 4 edges. Transom bar required.

**Thickness:** 1-3/4"

**Core:** Mineral Core

**Stiles\*:** Latch and hinge stiles 1" Georgia Pacific firestop.

**Rails\*:** 1-1/2" top rail and 1" bottom rail Georgia Pacific firestop.

**Faces:** All commercially available Premium Grade 5-Ply hardwood species, high density fiberboard (HDF) and high-pressure decorative laminates (HPDL).

**Adhesives:** Type-II interior.

**Lites and Louvers:** May not be installed less than 6" from any door edge; viewers up to 1" may be installed; 36" x 54" visible glass largest lite allowed. Larger sizes possible when using special glazing material.

**Fusible Link Louvers:** 1140 sq. in. maximum area allowed in lower 40" for door; 30" x 38" maximum size; 5" minimum from any door edge or hardware preps; 10" minimum from door bottom. Not allowed in doors with fire exit hardware or vision panels.

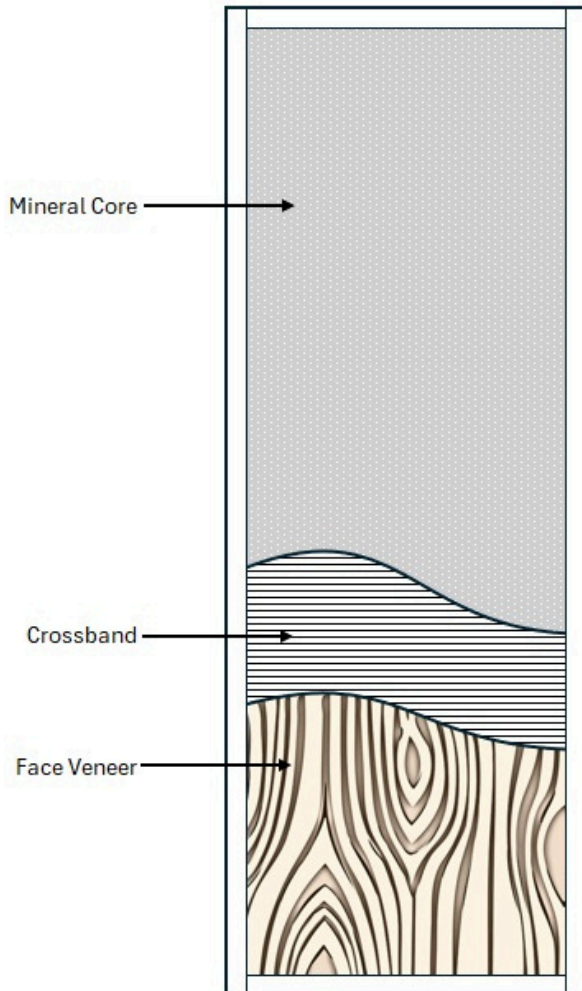
**Prefitting\*\*:** Must be factory machined for hardware as specified.

**Metal Edges:** Allowed only if no concealed intumescent requested and as required for concealed vertical rod device.

**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 at [Haley Bros website](http://HaleyBros.com) for specific warranty details.

**Short Form Specification:** "Doors shall be Haley Architectural AFD-45 Positive Pressure Category A 45-Minute" manufactured according to specifications in Haley catalog.



\*Stile and rail minimums may vary due to hardware requirements.

\*\*Door may be prefitted by licensed W.H.I. dealer or distributor.