

**ARCHITECTURAL SERIES**  
**5-Ply 45 min Rated Particle Core**  
**Fire Doors**  
**WDMA Extra Heavy Duty**

**Construction**

**Faces:** Available in a variety of domestic and exotic wood species, Smooth Hardboard, Rustic, Plastic Laminate or MDO.

**Veneer Grade:** WDMA and AWS "A" Grade-Book and Running Match standard. Other Assemblies and grades by special request.

**Construction Grade:**  
WDMA—Extra Heavy Duty.

**Cores:** Fire Resistant Particle Core. Fire doors are produced in compliance with NFPA 80 and are WHI/ITS Labeled. Available in 45 minute rating only. Neutral Pressure-Standard. Positive Pressure by special request.

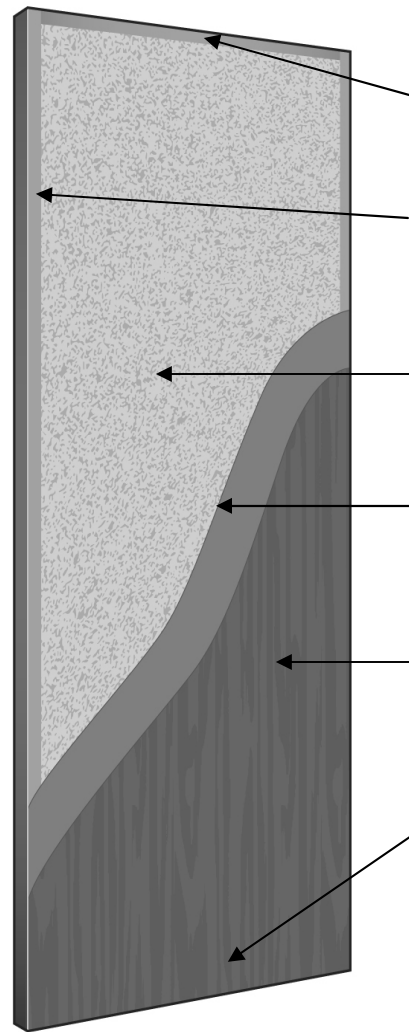
**Blocking:** No blocking required for surface mounted hardware. Screws must be glued to maintain warranty. Blocking is not permitted.

**Vertical Edges:** Special construction to meet fire label requirements. Mill option matching veneer or laminated edge.

**Horizontal Edges:** Special construction to meet fire label requirements.

**Adhesive:** Type I Standard.

**Finishes:** WDMA TR-6 & OP-6. Opaque and Transparent conforming to AWS Acrylated UV Curable Epoxy. Also available with Mohawk's exclusive DigiTech (digital technology) with UV topcoat.



**Top Edge:**  
Special construction per Label requirements.

**Vertical Edge:** Special construction to meet fire label requirements. Mill Option matching veneer or laminated edges.

**Core:**  
Particleboard fire rated material per label requirements.

**Crossband:**  
Composite. Compliant with WDMA standards for improved performance.

**Face:**  
Complies with WDMA and AWS "A" veneer standards in domestic and exotic species.

**Bottom Edge:**  
Special construction per Label requirements.

- *Lifetime Warranty*
- *Security Rating - 40*
- *Lite Openings to ~1296 sq/in*  
*36"-W and 54"-H. with approved*  
*intumescent lined cut-out.*
- *STC -31 (inoperable)*
- *LEED NC v2.1, v2.2, v3 Credit*  
*Options:*  
*MR 5.1 (NC v2.1 Only)*  
*MR 4.1*  
*MR 4.2*

*For additional LEED credit options please consult factory.*

**Quality Standards**

**Quality Assurance / Industry Standards:**

Aesthetic: WDMA— Premium Grade  
Performance: WDMA—Extra Heavy Duty

**Applications:** Architectural projects that require 5-ply Heavy Duty Fire Label doors.

**Maximum Size:** **Single**—4/0 x 8/0 Maximum  
**Pairs**—6/0 x 7/0 Max. Neutral Pressure standard. Positive Pressure by special request.

**Double Egress**—Not Approved.

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

**Construction:** Edgebonded—Standard.