

FLUSH "EXTRA HEAVY DUTY"
STRUCTURAL COMPOSITE CORE



Specifications:	5 Ply construction. Meets or exceeds industry standards of WDMA I.S. 1-A, WI Section 12, AWI Section 1300 Custom Grade(A Grade faces), AWI Section 1300 Premium Grade (AA Grade Faces). All 20 and 45 Minute doors have been tested in conformance to the following standards. ASTM-E-152 CSFM-43.7, CAN4-S104, NFPA-252;UBC-7-2-97, UL-10C
Lay Up Method	Bond and Sand
Maximum Sizes:	Width - 4/0 Length - Depends on faces (See faces below for available length)
Thickness:	1-3/8" and 1-3/4" ONLY
Stiles:	Paint Grade = FJ Hardwood, Raw Stain Grade = Matching Hardwood Prefinished = Matching Hardwood P-lam = SCL with matching edge banding over CAT-A = Special CAT-A Stile with matching edge banding over Width = 1-3/8" Minimum Hardwood stiles are 2 ply. Matching hardwood by Poplar or SCL (mill option)
Rails:	1-3/8" Thickness = Wood or SCL 1-1/8" Minimum 1-3/4" Thickness = Wood or SCL 1-1/8" Minimum
Core:	Structural Composite Lumber (Engineered), Grade LD-2
Fire Rating:	1-3/4" Thickness 20 Minute Rated*; 1-3/4" Single Swing 45 Minute rated**
Faces:	Primed MDO 2 Ply HDF Back, 10/0 Max length Select Species Raw & Prefinished 2 Ply, 1/42" Face, 10/0 Max length Plastic Laminate 2 Ply, 1/50" Face, 10/0 Max length. All laminates meet or exceed NEMA standards.
Adhesive:	Type-1 PVA, Interior installation only.
Machining:	To Specification
Lites:	To Specification
Louvers:	To Specification
Acoustical Rating:	34 STC Operable See www.doormerica.com for seal information
Warranty:	Lifetime. See limited warranty for details.
Description Abbreviations:	EHD-1-3/8 = Extra Heavy Duty 1-3/8" Thick SCL EHD-20NL = Extra Heavy Duty 1-3/4" Thick SCL, Non Rated EHD-20NP = Extra Heavy Duty 1-3/4" Thick SCL, 20 Minute Neutral Pressure EHD-20B = Extra Heavy Duty 1-3/4" Thick SCL, 20 Minute Category B EHD-20A = Extra Heavy Duty 1-3/4" Thick SCL, 20 Minute Category A EHD-45NP = Extra Heavy Duty 1-3/4" Thick SCL, 45 Minute Neutral Pressure ** EHD-45B = Extra Heavy Duty 1-3/4" Thick SCL, 45 Minute Category B ** EHD-45A = Extra Heavy Duty 1-3/4" Thick SCL, 45 Minute Category A **
Recommended Use:	Architectural, Institutional

08

*See fire door specifications section in catalogue for details on sizes, hardware and construction limitations.

** Single Swing only on 45 Minute Fire Rated; Max size 4/0 8/0