

FLUSH "EXTRA HEAVY DUTY"  
STRUCTURAL COMPOSITE CORE



<b>Specifications:</b>	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
<b>Lay Up Method</b>	Bond and Sand
<b>Maximum Sizes:</b>	Width - 4/0 Length - Depends on faces (See faces below for available length)
<b>Thickness:</b>	1-3/8" and 1-3/4" ONLY
<b>Stiles:</b>	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
<b>Rails:</b>	1-3/8" Thickness = Wood or SCL 1-1/8" Minimum 1-3/4" Thickness = Wood or SCL 1-1/8" Minimum
<b>Core:</b>	Structural Composite Lumber (Engineered), Grade LD-2
<b>Fire Rating:</b>	1-3/4" Thickness 20 Minute Rated*; 1-3/4" Single Swing 45 Minute rated**
<b>Faces:</b>	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.
<b>Adhesive:</b>	Type-1 PVA, Interior installation only.
<b>Machining:</b>	To Specification
<b>Lites:</b>	To Specification
<b>Louvers:</b>	To Specification
<b>Acoustical Rating:</b>	33 STC Operable (With Pemko S773,151,ABD 434APKL,S44)
<b>Warranty:</b>	Lifetime. See limited warranty for details.
<b>Description</b>	EHD-1-3/8 = Extra Heavy Duty 1-3/8" Thick SCL
<b>Abbreviations:</b>	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 **
<b>Recommended Use:</b>	Architectural, Institutional

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\*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