

 LAMBTON Doors ARCHITECTURAL WOOD DOORS AND FRAMES		NON-RATED		20 MINUTES Neutral Pressure	20 MINUTES Category A Positive Pressure (Concealed Intumescent)	20 MINUTES Category B Positive Pressure
MODELS		5-8500-CE/ME 5-UF8500-ECE/EME 5-FS8500-ECE-EME				
DIMENSIONS	Thickness	1 3/4" to 2 1/4" 44 mm to 57 mm	1 3/4" to 2 1/4" 44 mm x 57 mm			
	Single Doors	48" x 120" 1219 mm x 3048 mm	48" x 108" 1219 mm x 2743 mm			
	Standard Pairs Double egress Pairs	96" x 120" 2438 mm x 3048 mm	96" x 108" 2438 mm x 2743 mm			
CONSTRUCTION	Surface Material	Wood Veneer, MDO, HPDL				
	Crossbands	HDF				
	Vertical Edges (Stiles)	15/16" (24 mm) Hardwood Laminated to a piece of 3 3/8" (86 mm) thick. Made of Laminated Wood Veneer Strips of 1/8" (3 mm) each (LVL).				
	Horizontal Edges (Rails)	Piece of 3 3/8" (86 mm) thick. Made of Laminated Wood Veneer Strips of 1/8" (3 mm) each (LVL).			Piece of 3 3/8" (86 mm) thick. Made of Laminated Wood Veneer Strips of 1/8" (3 mm) each (LVL).	
	Face and core assembly adhesive	Type 1 (waterproof); PVA (UF-Free)		Type 1 (waterproof); PVA (UF-Free)	Type 1 (waterproof); PVA (UF-Free)	
	Core Construction	Particleboard Core with a density of 28-32 PCF (449-513 kg/m3) Bounded to stiles and rails.				
STC	Acoustic Rating	None				
CREDITS & STANDARD	Environmental Options	CPHD Compliant, ULEF/NAF *Upon request FSC *Upon request				
	Environmental Product Declaration	Yes				
	Quality Standards	AWS-ED.2, NAAWS 4.0, WDMA Series I.S.1-A-2021				
	WDMA Performance Duty Level	Extra Heavy Duty				
	Label Agency		ITS-WH			

NON-RATED

20 MINUTES
Neutral Pressure

20 MINUTES
Category A
Positive Pressure
(Concealed
Intumescent)

20 MINUTES
Category B
Positive Pressure

Lite openings / Louvers

**Cut Out for Lites and Louvers available with size limitations (minimum 5" (127 mm) from stiles and rails).
Wood and Metal Louvers not permitted in 20 min Fire Doors.**

OPTIONS

**Distance from Cut out to Cut out
Distance from Lock and Lite Cutouts**

1 1/2"
38 mm

2 3/4"
70 mm

Machining

Machining preparation per hardware manufacturer's template

Factory Finish

**UV Finishing System 9 by AWI, No VOC Clear, Standard & Custom Stain, Opaque & Primed Finish, Sealed Top & Bottom, Custom Color Matching
Lambton Doors' ASEPTI: antimicrobial coated surface in option**

DOOR WEIGHT

**Thickness 1 3/4" (44 mm): LD-1 5.2lbs/ft2
Thickness 1 3/4" (44 mm): LD-2 5.6lbs/ft2**

WARRANTY

Life of original installation, interior use only.



1	15/16"(24mm) of Hardwood edge (before trim)	4	Particleboard core
2	3 3/8"(86mm) LVL Inner stile	5	Cross band (HDF)
3	3 3/8" (86mm) LVL Rail	6	Wood veneer

ADDITIONAL NOTE

Stiles and Rail dimensions shown are rough sizes, before trimming.