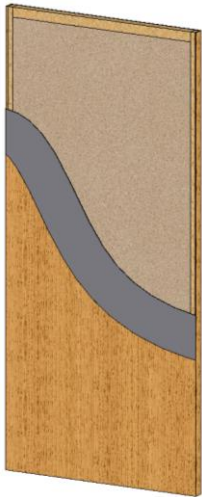


**Lynden Door  
Architectural Series**
**LD45AG FD-45-5  
Agfiber Particleboard Core**
**45 min. Rated**


<b>FACES:</b>	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" before sanding) <b>Options:</b> "AA" grade wood veneer, paint grade MDO Hardboard (FD-45-3)
<b>SUBSTRATE:</b>	Engineered wood composites
<b>CORE:</b>	Fire rated Agfiber particleboard ANSI A208.1 LD2
<b>STILES:</b>	(CE) Compatible with face veneer, mill option AWS Type A wood or Type B veneered  <b>Option:</b> (ME) Matching with face veneer
<b>RAILS:</b>	Mill option structural composite lumber, wood or composite material.
<b>ASSEMBLY:</b>	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.
<b>ADHESIVES:</b>	Type 1
<b>MAXIMUM SIZE:</b>	<b>POSITIVE PRESSURE OR NEUTRAL PRESSURE WITH HOSE STREAM</b> 4'0" x 8'0" (1219mm x 2438mm)
<b>THICKNESS:</b>	1 3/4" (45 mm) <span style="float: right;"><b>Option:</b> Up to 2" (51 mm)</span>

<b>WARRANTY:</b>	Life of original installation for interior use only. See warranty terms and conditions	
<b>STANDARDS:</b>	WDMA IS-1A and AWS Custom Grade	<b>Option:</b> WDMA IS-1A and AWS Premium Grade
	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts.	
<b>FIRE RATING:</b>	Positive Pressure Category B or Neutral Pressure Positive Pressure tested in accordance with UBC 7-2 1997, UL-10C and NFPA 252 Neutral Pressure with hose stream tested in accordance with UBC-7 1994 and UL-10B For additional information on fire doors please refer to the Lynden Door Fire Door Technical Sheets.	<b>Option:</b> Positive Pressure Category A
<b>ACOUSTICAL RATING</b>	STC 31 ASTM E90-09 – Non operable*	OITC 29 ASTM E90-09 – Non operable
	* When installed with two rows of Pemko S773, one row of Pemko S44, a Pemko PDB411AE Auto Door Bottom, and Pemko ACP112 Corner pads the STC performance will be equal to an operable test rating of STC31	
<b>ENVIRONMENTAL Attributes:</b>	Recycled content, rapidly renewable, regionally recovered and manufactured, may apply – see <b>GREENDOR™</b> Contribution Sheets.	

## Manufacturing Options

<b>BLOCKING:</b>	Special blocking options may be specified. (Reference WDMA I.S.1A blocking options HB-1 through HB-8)	
<b>MACHINING:</b>	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant ons, raceways, concealed vertical rods - Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings.	
<b>TRANSPARENT FINISH</b>	WDMA TR6 / AWS System 9 -UV cured catalyzed polyurethane finishes in standard and custom match stains	<b>Options:</b> Other finish systems available
<b>OPAQUE FINISH:</b>	Factory painting in standard and custom match colors	<b>Options:</b> Standard or color tinted priming available