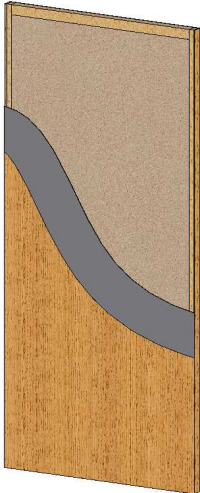


**Lynden Door  
Commercial Series**
**CD450 HPDL 5 Ply  
Mineral Core**
**45 min. Rated**


<b>FACES:</b>	High pressure decorative laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD 3 High Pressure Decorative Laminates	
<b>SUBSTRATE:</b>	Engineered wood composites	
<b>CORE:</b>	Fire rated mineral	
<b>STILES:</b>	Fire rated composite with decorative laminate face, AWS Type-C-HPDL <b>Option:</b> Wood edges painted or stained to complement decorative laminate face	
<b>RAILS:</b>	Mill option fire rated composite material.	
<b>ASSEMBLY:</b>	Bonded assembly in compliance with fire door listings.	
<b>ADHESIVES:</b>	Type 1	
<b>MAXIMUM SIZE:</b>	POSITIVE PRESSURE WITH HOSE STREAM 4'0" x 9'0" (1220mm x 2743mm)	NEUTRAL PRESSURE WITH HOSE STREAM 4'0 x 10'0 (1220mm x 3050mm)
<b>THICKNESS:</b>	1 3/4" (45 mm)	<b>Option:</b> Up to 2 1/2" (63.5 mm)

<b>WARRANTY:</b>	5 years, for interior use only. See warranty terms and conditions	
<b>STANDARDS:</b>	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>Option:</b> WDMA IS-1A and AWS Custom Grade	
<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>	Information presently not available.	
<b>ENVIRONMENTAL Attributes:</b>	Recycled content, regionally 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, decorative routing, dutch doors, doors and transoms - Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings.